April 1 - 24 District Packet



edmentum

This packet was printed from a link provided for printable resources within the TDOE School Closure Toolkit.

6th Grade Worksheet Bundle:

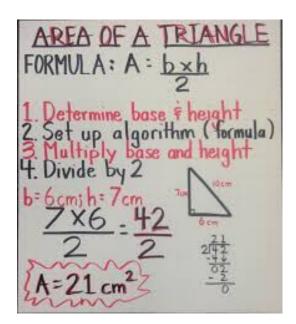
Printable worksheets that include multiple subjects from a variety of our online solutions, including Study Island, EducationCity, and ReadingEggs

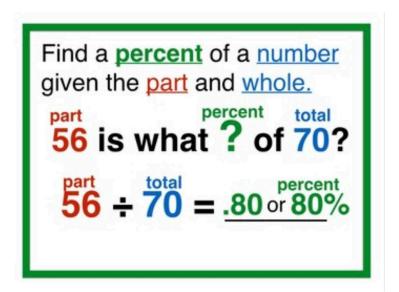


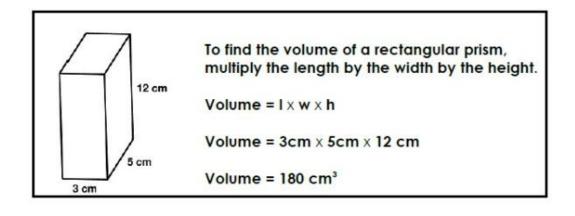


Math Activities

Review the formulas below before completing your assignment.





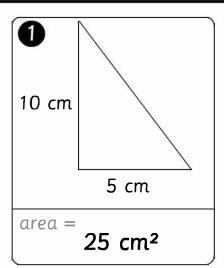


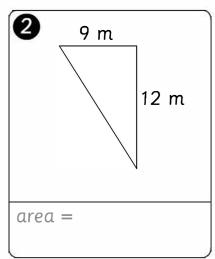


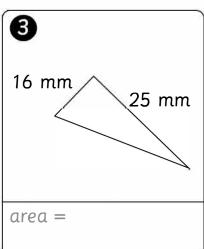


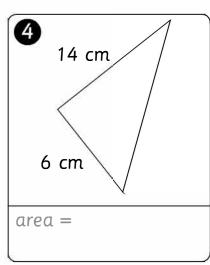
Write the area of the right-angled triangle in the boxes below. You may need a calculator. One has been done for you.

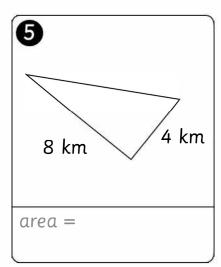


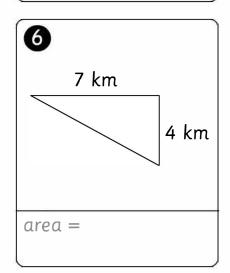


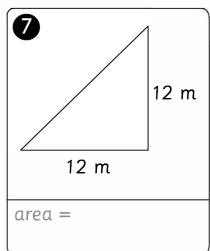


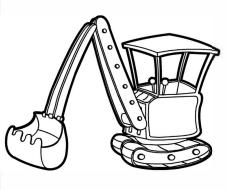












Now draw your own right-angled triangle on the back of the sheet. Label the lengths of the base and height. Then ask a friend to calculate the area.



Race 1. Distance = 80 miles.



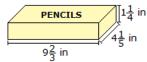
Stig, Sten, Manu and Klara decided to race their pigeons to see which was the best. They decided that each pigeon should race three times over different distances.

0	Stig's pigeon flew 25% of the distance.	It flew miles.
2	Manu's pigeon flew 50% of the distance.	It flew miles.
3	Sten's pigeon flew 10% of the distance.	It flew miles.
4	Klara's pigeon flew 75% of the distance.	It flew miles.
	Race 2. Distance = 100 miles.	
6	Stig's pigeon flew 50% of the distance.	It flew miles.
6	Manu's pigeon flew 10% of the distance.	It flew miles.
7	Sten's pigeon flew 1% of the distance.	It flew miles.
8	Klara's pigeon flew 25% of the distance.	It flew miles.
	Race 3. Distance = 90 miles.	
9	Stig's pigeon flew 5% of the distance.	It flew miles.
10	Manu's pigeon flew 25% of the distance.	It flew miles.
D	Sten's pigeon flew 50% of the distance.	
P	Klara's pigeon flew 10% of the distance.	It flew miles.
	far did each pigeon fly? e the totals in the spaces below, starting with the o	ne that flew the farthest.
a	pigeon came 1st. It flew	miles altogether.
(b)	pigeon came 2nd. It flew	miles altogether.
©	pigeon came 3rd. It flew	miles altogether.
(pigeon came 4th. It flew	miles altogether.

Study Island 6th Grade Geometry - Volume

Question 1.

Candice bought a pencil box, shown below, to take with her to school.

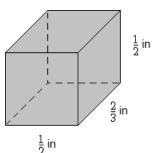


*Picture not drawn to scale

What is the volume of the pencil box?

- **A.** $40\frac{3}{5}$ cu in
- **B.** $101\frac{1}{2}$ cu in
- **c**. $50\frac{3}{4}$ cu in
- \circ **D.** 15 $\frac{7}{60}$ cu in

Question 2.



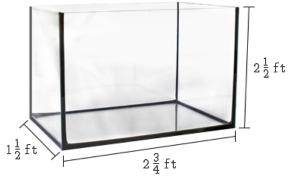
Note: Figure is not drawn to scale.

What is the volume of the rectangular prism?

- \bigcirc **A**. $\frac{2}{3}$ cu in
- \bigcirc **B.** $\frac{1}{2}$ cu in
- \odot **c**. $\frac{1}{6}$ cu in
- \bigcirc **D**. $\frac{1}{3}$ cu in

Question 3.

Betty purchased a fish tank. The length, width, and height of the fish tank are shown below.



Picture not drawn to scale

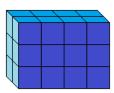
What is the volume of the fish tank?

- **A.** $10 \frac{5}{32}$ cu ft
- \bigcirc **B.** $6\frac{3}{4}$ cu ft
- **C.** $10 \frac{5}{16}$ cu ft
- **D.** $11\frac{5}{16}$ cu ft

Question 4.

Directions: Select all the correct answers.

The prism below is made of cubes which measure $\frac{1}{6}$ of a centimeter on one side.

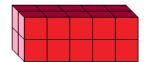


Which of the following represents the volume of the prism?

- $\frac{1}{216}$ cubic cm \times 24
- $\qquad \left(4 \times \frac{1}{6} \, \text{cm}\right) + \left(2 \times \frac{1}{6} \, \text{cm}\right) + \left(3 \times \frac{1}{6} \, \text{cm}\right)$
- $\qquad \left(4 \times \frac{1}{6} \, \text{cm}\right) \times \left(2 \times \frac{1}{6} \, \text{cm}\right) \times \left(3 \times \frac{1}{6} \, \text{cm}\right)$
- $\frac{4}{3}$ cubic cm
- $\frac{3}{2}$ cubic cm
- $\frac{1}{9}$ cubic cm
- $\frac{1}{18}$ cubic cm \times 24

Question 5.

The prism below is made of cubes which measure $\frac{1}{4}$ of a centimeter on one side. What is the volume?

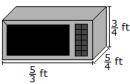


Note: Figure is not drawn to scale.

- A. 5 cubic cm
- \bigcirc **B**. $\frac{9}{4}$ cubic cm
- \circ **c**. $\frac{5}{16}$ cubic cm

Question 6.

Hannah measured the length, width, and height of her microwave in order to determine if it would fit in the space above her stove. Her measurements are shown below.



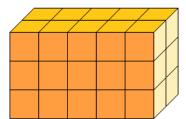
*Picture not drawn to scale

What is the volume of the microwave?

- \circ **A.** $1\frac{3}{4}$ cu ft
- \circ **B.** $2\frac{11}{12}$ cu ft
- **c**. $3\frac{2}{3}$ cu ft
- \circ **D.** $1\frac{9}{16}$ cu ft

Question 7.

The prism below is made of cubes which measure $\frac{1}{5}$ of an inch on one side. What is the volume of the prism?

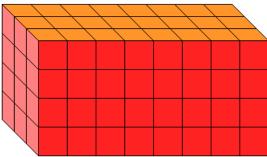


Note: Figure is not drawn to scale.

- **A.** 3 cu in
- **B.** $\frac{12}{25}$ cu in **C.** $\frac{25}{6}$ cu in **D.** $\frac{6}{25}$ cu in

Question 8.

The prism below is made of cubes which measure $\frac{1}{2}$ of a foot on one side. What is the volume of the prism?



Note: Figure is not drawn to scale.

- **A.** 16 cu ft
- B. 48 cu ft
- C. 18 cu ft
- **D.** 12 cu ft

Question 9.

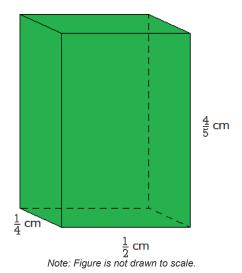
The prism below is made of cubes which measure $\frac{1}{4}$ of an inch on one side. What is the volume?



Note: Figure is not drawn to scale.

- \bigcirc **A.** $\frac{7}{4}$ cubic in
- B. 3 cubic in
- \circ **c**. $\frac{3}{16}$ cubic in
- OD. 12 cubic in

Question 10.



What is the volume of the rectangular prism?

- \bigcirc **A.** $\frac{1}{5}$ cu cm
- \bigcirc **B.** $\frac{2}{5}$ cu cm
- \odot **c**. $\frac{1}{8}$ cu cm
- \bigcirc **D.** $\frac{1}{10}$ cu cm



Reading and Literacy



Name:					
	$\overline{}$	 -	 	 	_

Pronouns

Circle the letter of the correct pronoun to complete each sentence.

1.	aun	t opened a new o	din	er.				
	A. M	ine	В.	Му	C.	I	D.	Ме
2.	The Smith	ns decided to bui	ld :	a tennis court in	b	ackvard.		
	A. we			mine		hers	D.	their
3	My cupca	kes were tastier	ths	an				
J.	A. his			she	C.	mine	D.	it
4.				e making a decisior				
	A. th	ey	B.	We	C.	them	D.	he
5.	I saw a fri	iend of at the	e m	nall yesterday.				
	A. us			yours	C.	her	D.	you
6	If you was	ro what wou	Id.	vou do?				
О.		re, what wou			_	L		
	A. us	,	В.	his	C.	her	D.	me
7.	comp	outer is that?						
	A. M	ine	В.	Yours	C.	Whose	D.	Theirs
Q	Leguld no	at stand some	nla	inte a moment lone	ıor			
Ο.			-	ints a moment long			_	!
	A. ou	ırs	В.	ner	C.	yours	D.	mine
9.	He is sma	arter than						
	A. sh	ie	В.	who	C.	his	D.	it
10	are a	fantastic friend!						
			R	Но	\sim	You	ח	She



Study Island 6th Grade Language Arts - Punctuation

Question 1.

Question 2.

Which of the following sentences is punctuated correctly? A. The weary, traveler sought refuge from the storm underneath (a canopy of trees, leafy and green). B. The weary traveler sought refuge from the storm, underneath a canopy of trees, leafy and green. ■ C. The weary traveler sought refuge from the storm underneath a canopy of trees, leafy and green. D. The weary traveler sought refuge from—the storm underneath a canopy of trees, leafy Which of the following sentences is punctuated correctly? A. The deepest, place in the ocean is about 7, miles down the Mariana trench in the Pacific Ocean B. The deepest place in the ocean is about 7 miles down the Mariana trench in the Pacific Ocean. C. The deepest, place in the ocean, is about 7, miles down the Mariana trench in the Pacific Ocean **D.** The deepest place in the ocean, is about 7, miles down the Mariana trench, in the Pacific Ocean. Which of the following sentences is punctuated correctly? • A. Peter—an accomplished chef enjoyed making different kinds of food. B. Peter, an accomplished chef, enjoyed making different kinds of food. Peter an accomplished chef enjoyed making different kinds of food. D. Peter an accomplished chef enjoyed (making different, kinds of food). Which of the following sentences is punctuated correctly? A. Frozen to Mai's sore, tongue was a Popsicle heavily, frosted with ice crystals.

Question 4.

Question 3.

- B. Frozen to Mai's sore tongue—was a Popsicle, heavily frosted with ice crystals.
- C. Frozen to Mai's sore tongue (was a Popsicle) heavily frosted with ice crystals.
- Frozen to Mai's sore tongue was a Popsicle, heavily frosted with ice crystals.

Question 5.

Question 6.

Question 7.

Question 8.

Which of the following sentences is punctuated correctly? Clara chased the red trolley, which was racing away from her, down the bustling street. ■ B. Clara chased (the red trolley) which was racing away from her down the bustling, street. C. Clara chased the red, trolley which was racing away from her—down the bustling street. D. Clara chased—the red trolley, which was racing away from her down the bustling street. Which of the following sentences is punctuated correctly? A. Yvette could not believe—that she forgot to buy flour—an item on her shopping list. B. Yvette could not believe, that she forgot to buy flour an item on her shopping list. C. Yvette could not believe that she forgot to buy flour—an item on her shopping list. D. Yvette could not believe (that she forgot to buy flour) an item on her shopping list. Which of the following sentences is punctuated correctly? The ocean floor contains mountains, canyons, and plains even larger than those on land. **B.** The ocean, floor contains mountains, canyons, and plains even larger than those on land ■ C. The ocean, floor contains mountains canyons and plains even larger than those on land. **D.** The ocean, floor contains mountains canyons and plains even larger than those on land Which of the following sentences is punctuated correctly? • A. (From her bedroom,) Hayden could see the entire city including the mayor's house, and the park. B. From her bedroom, Hayden could see the entire city (including the mayor's house and

D. From her bedroom, Hayden could see the entire city, (including) the mayor's house, and the park.

C. From her bedroom,—Hayden could see the entire city—including the mayor's house

and the park.

Question 9.

Which of the following sentences is punctuated correctly?

• A. President Nixon told the astronauts, "For all of us Americans, this has to be the proudest day of our lives."

B. President Nixon told the astronauts For all of us Americans this has to be the proudest day of our lives.

C. President Nixon told the astronauts, "For all of us Americans this has to be the proudest day of our lives"

D. President Nixon told the astronauts "For all of us Americans, this has to be the proudest day of our lives"

Question 10.

Directions: Select the correct answer from each drop-down menu.

Choose the word that correctly completes the sentence.

The YWCA

The Young Women's Christian Association is the oldest and largest women's organization in the United States. The YWCA focuses on helping women be strong and the YWCA also promotes racial equality. The organization started in 1858, and today, more than two million people participate in YWCA programs.



Helping Hands

			Date	
Add the st	uffix "-ion" to these v	words to form nou	ns.	
evacuate		explode		
instruct		organize		
Write the b	oase word of each o	f the following wor	ds.	
univers	sity musician	critical	piracy	ignorant
Add an er	nding to each word i	in the box to comp	olete the senten	ces correctly.
assist	He called for	an to	o help him into h	nis costume.
danger	The trek up the	e mountain was lo	ong, steep and _	
danger person		e mountain was lo ate and		
	A diary is prive		·	
person	A diary is privo	ate and	er of our team.	
person rely nerve	A diary is privo	ate and membe when	er of our team. I go to the dent	
person rely nerve	A diary is privo Bryden is a I always feel _	ate and membe when xe in each senten	er of our team. I go to the dent	
person rely nerve Find and fi	A diary is private Bryden is a I always feel _ x the spelling mistal	ate and membe when when ce in each sentence inues to rise.	er of our team. I go to the dent	ist.
person rely nerve Find and fi The cos Many p	A diary is prive Bryden is a I always feel _ x the spelling mistal t of elecktrisity conti	ate and membe when when ce in each sentence inues to rise.	er of our team. I go to the dent	ist.
person rely nerve Find and fi The cos Many p The dos	A diary is prive Bryden is a I always feel _ x the spelling mistale t of elecktrisity contineeople around the w	ate and membe when when set or rise. Yorld have insufished.	er of our team. I go to the dent ce. ent food to eat.	ist.
person rely nerve Find and fi The cos Many p The dos The cas	A diary is prive Bryden is a I always feel _ x the spelling mistale t of elecktrisity contineed around the work was parshelly ope	ate and member when when when set or rise. Yorld have insuffisher. I dark and mystrous.	er of our team. I go to the dent ce. ent food to eat.	ist.
person rely nerve Find and fi The cos Many p The dos The cas They pr	A diary is prive Bryden is a I always feel _ x the spelling mistale t of elecktrisity contineeple around the work was parshelly ope ye we entered was a edict a cloudy day we	ate and member when when when set or rise. Yorld have insuffisher. I dark and mystrous.	er of our team. I go to the dent ce. ent food to eat. owers.	ist.

ISBN 9781921852930 Spelling Games 6 © Blake Education 2013

Grade6_HelpingHands.indd 1 18/06/13 2:35 PM



6 Helping Hands

	Date
Add a prefix to "dis-".	complete the antonym of each word. Choose from "un-", "in-" or
desirable	edependent
similar	sufficient
familiar	comfortable
Add the correct	et endings.
• The prime m	ninist is in America on offic business.
• She is accor	mpanied by a person assist and a bodyguard.
• His job as an	n electric can sometimes be danger
• The soldiers	remained vigil after the first loud explos .
• The technic	carries a port battery pack.
Change these	adjectives to adverbs by adding "-ly".
commercial _	persistent
sufficient _	musical
desperate _	similar
regular _	regional
	each word in the box to complete the sentences correctlyent" or "-ant".
persist	If you are, you will reach your goal.
depend	Mr. Corby has a wife and threes.
depend confide	Mr. Corby has a wife and threes. Our coach is that our team will win the game.
1 -	
	desirable similar similar familiar Add the correct The prime most saccored. His job as an the soldiers of the technic. The technic Change these commercial sufficient desperate regular Add a suffix to Choose from "Soldiers of the technic commercial sufficient desperate regular commerc

ISBN 9781921852930 Spelling Games 6 © Blake Education 2013

Grade6_HelpingHands.indd 2 18/06/13 2:35 PM

UNIT 12: TREES FOREVER?

Forests cover almost one-third of the Earth's land.

The boreal forests in Siberia make up the largest forest region. They cover almost four million square kilometres.

The Amazon rainforest is shrinking every day. People cut and burn down trees for wood products and to clear the land for farms. Most of the temperate forests that once covered Europe and North America have already been cleared.

GO FACT!

Trees produce the oxygen we need to breathe.



Winter lasts at least six months in the Siberian forests.

Sustainable Forests?

Forests play an important role in the health of the planet, but we continue to cut them down. Is it possible to use forests without destroying them?

What do forests mean to people?

Forests mean different things to different people. To the native Indians of Brazil, the forest is their home. A logging company

sees a forest as a source of timber. For a logging worker, it is a place to work and earn a living. To someone living in a city, a forest might be a place to find peace and relaxation. For governments of developing nations, forests provide products to export, and people with land for farming.

For and against

Logging companies argue that forests are a renewable resource to use in a sustainable way — new trees can be planted to replace the ones removed. The logging industry employs many people, and logging produces

things that people want, such as timber, paper, tissue, cardboard and furniture.

Conservationists say that forests, especially tropical rainforests, are vital to the health of the planet. They want logging in "old growth forests" - the mature forests that have not been disturbed by people to stop because forest ecosystems are damaged by logging. They argue that trees should only be logged from plantation forests, which are "tree farms" grown especially to be cut down for wood products. Conservationists believe that people working in the old-growth logging industry could find jobs in the plantation timber and tourism industries.

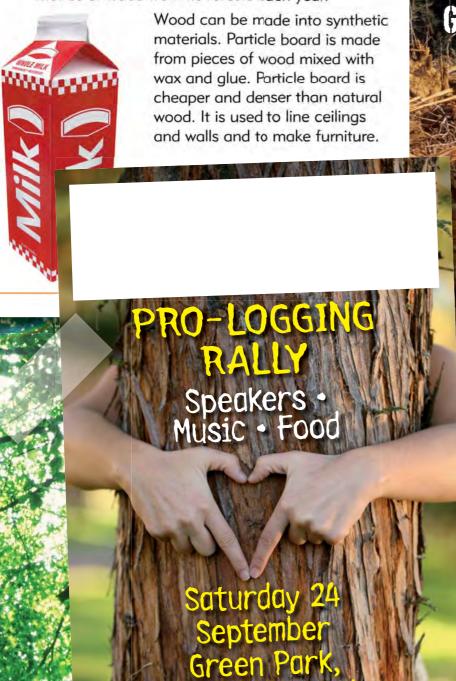
c u @ rally nr red tent. pls bring lots posters. dont b l8

Wood

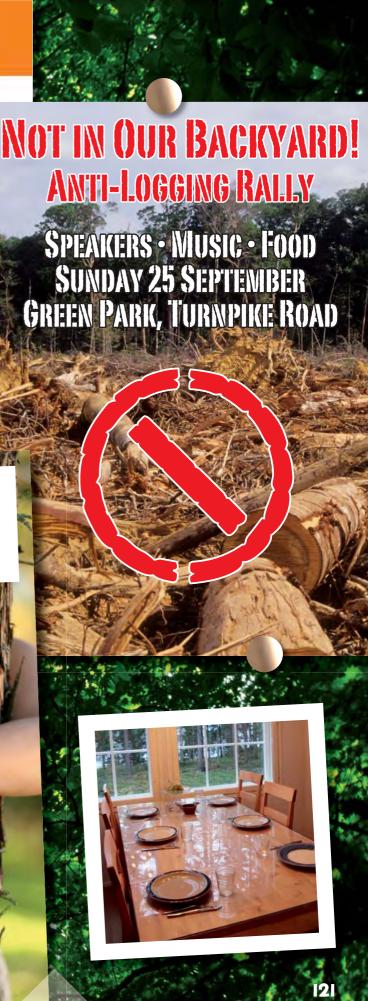
Wood is a natural material from living trees. It is made of plant cells.

Plant cells contain **cellulose**, a type of sugar. It links together to make wood fibres.

Wood burns easily. Its main use for thousands of years was as a fuel for cooking and heating. Wood is also used as a building material because it is strong and light compared to other building materials. Australia removes about 25 million cubic metres of wood from its forests each year.



Turnpike Road



In the texts



What is the main topic of the texts on pages 120 and 121?

Underline	the most accu	rate answer.	

different types of trees wooden objects importance of forests

threats to forests uses of wood rallies

b Use dot points to list the issues that could be discussed on this topic, eg Can timber workers find jobs if logging is halted?

Underline the sentence that introduces the topic in Sustainable Forests? Done



b What does the question mark mean in the title of this text?

Who do you think wrote the SMS message on page 120?

b What are the advantages of using mobile phones to send messages?

Look at the posters on page 121.

a Circle the features of a good poster.

modern design	humour	pictures	symmetry
correct information	long words	a slogan	large size
correct spelling	phone number	the designer's name	

b What important event information is missing from the posters?

c If you were organising one of the rallies, where would you place posters to promote it?



		ad and leal		ords.			
İ	ä	a rally:					
İ	ı	b renewable:					
İ	(c cells:					
İ	(d natural:					
Ì	2 :	Read the tex	kt at the top o	of page 120	and complete these	sentences.	
		Forests cover			than one-third of the	Earth's land. The Amazon re	ainforest
		is getting		. Т	he boreal forests are	th	an any
		other forest re	egion.				
	ı	b What is the m	nain challenge t	to the Ama	zon rainforest?		
	3	True or false?					
	ä	The posters o	n page 121 pro	omote fores	st logging.		
	ı	b The same pec	ople would go t	to both ralli	es.		-
	(c The rallies are	e at the same lo	cation.			
	(d The rallies wo	ould sound the	same.			-
	4 (On page 121, w	vrite a pro-log	ging sloga	an in the blank space	on the poster. \nearrow Done	
	5 a	Underline th	ne words in <i>Su</i>	ıstainable	Forests? that explain	what sustainable logging	j is.
						\sim	Done
	ı	b What is an old	d-growth fores	t?			
	6	Complete the ta	able.				~~~
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	People	ı	Role of fore	sts in their lives		
	} ;	a logging work	er				{
	}						}
	\	••••		•••••			<u>}</u>
	}	b native Brazilia	an Indians				\
	}						{
	}		•				
J	{	c	ć	a source of	timber		}
1	}						\\
1	>						

9:



Your turn

I Many discussions end with a conclusion.

Write a conclusion for Sustainable Forests?

It may — but doesn't have to — support one side of the discussion.

- **2** a Brainstorm the arguments for and against logging old growth forests with classmates. Done
 - **b** Write a discussion about the topic.

Can Old Growth Forests Survive?

A discussion looks at more than one point of view. It may end with the writer's point of view or summarise both points of view. It has:

- an introduction that describes the issue
- paragraphs with arguments for and against (each argument should have supporting evidence)
- words that show importance and value
- a conclusion that may or may not support one side.

Introduce the topic.

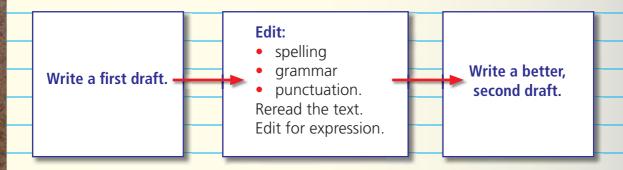
Arrange your points for both sides of the discussion and write them in sentences. Use modal language, such as we must not or nobody cares enough. Add supporting statements to your points.

Use connectives, such as *On the other hand* or *However*, to begin sentences.

End with a conclusion about the topic.

Editing and proofreading

The first draft of your writing is rarely your best writing.



- Edit and rewrite these texts.
 - **a** The wild-life in forests is intresting and yuneek so we must preserve it
 - **b** What is the answer we just cant decide
 - **c** It is a big problem. It is not going to be solved. It needs us to think good ideas.
 - **d** With such diversity such bewtiful animals and plants such rare insects and so many dangered animals the rain-forests are a national treasure?
 - e James beleived that the forests should be loged because jobs would be lost if barkenbush company were forced to leaving. On the other hand oliver believed that people could find other jobs and which the people were less importent than the future for all of us.

2 Rewrite this poster so that it is clear, well set out and interesting.

26 october 0442 789 012

All meet at the lake We are going to plan a protest

Don't come if you are too young

Look for some people in the shelter by the lake

Ban the wood chippers Music needed and food too, I guess

3 Edit this text for spelling and punctuation, and rewrite it on a separate sheet of paper. Done

Would is a valuble resouce that we use evryday if their was no tree's bing tayken we wood have had to find other ways to make ferniture flours walls and objecks in people's homes. Their would bee diffrent goods in stores all over nsw. Wow it would be v. strange. What do u think we would use for bilding.

4 Edit this text for grammar and expression, and rewrite it on a separate sheet of paper. Done

The logging rally was held in the bush near our grandpa's farm. It is going to be a big rally and police came to control the big crowd. It could be heard even two kilometres away near grandpa's farm. It was late afternoon before they got quite. When we went down to the bush the next day they took all their rubbish away. Gandpa and Grandma was real happy about that.

Editing tips

Circle spellings that you are unsure about. Check them later in a dictionary.

Does the tense remain the same?

Do verbs and nouns agree in number (singular or plural)?

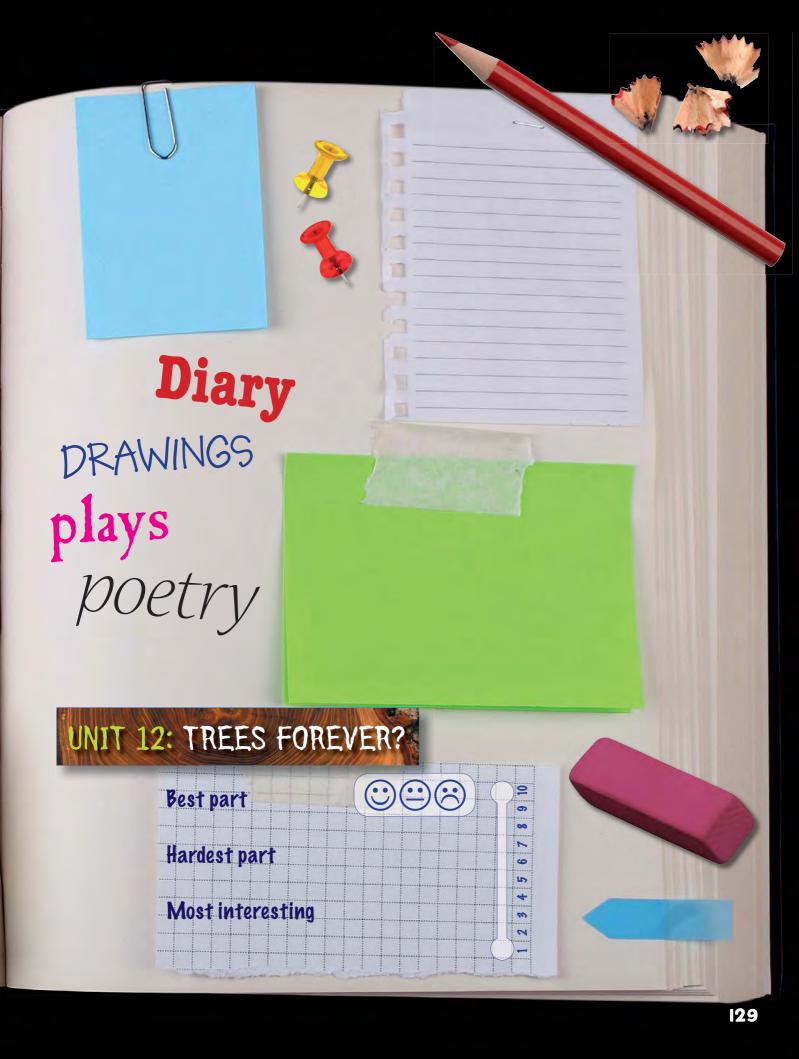
Are the sentences complete?

Are interesting words used?

Are different sentence beginnings used?

Ask friends and family for new ideas. Ask three people before you ask your teacher.







Bob: It's ten past the hour, I'm Bob Baffle and you're listening to Tuesday Night Talk. I've got Gretel on the line. Gretel?

Gretel: Hi Bob, I had to call, I've just seen these lights in the sky ...

Bob: Yes, they're called stars, Gretel. You're not going to tell me you think they're UFOs are you? Do you believe in that crazy aliens and UFO stuff?

Gretel: But they're still ...

Bob: Gretel, Gretel, Gretel, those wacky alien stories are always proven false. They're from crackpots — no offence, Gretel — who just want attention. There's no science behind it. Astronauts have never seen aliens. There is no evidence, only rumours and fairytales.

Gretel: But Bob, the lights are still there, they're low, they're circling my ...

Bob: People see aliens because they want to see aliens. Gretel, never believe something unless it can be proven!

Gretel: Bob! Bob! They've landed in my backyard, right next to the clothesline! Gotta go!

Bob: Gretel? Gretel? Well, there goes another loopy one. Must be a full moon tonight. Our next caller ...



GEORGE PAL BYRON HA



The War of the Worlds by H. G. Wells

BOOK ONE THE COMING OF THE MARTIANS

CHAPTER ONE THE EVE OF THE WAR

No one would have believed in the last years of the nineteenth century that this world was being watched keenly and closely by intelligences greater than man's and yet as mortal as his own; that as men busied themselves about their various concerns they were scrutinised and studied, perhaps almost as narrowly as a man with a microscope might scrutinise the transient creatures that swarm and multiply in a drop of water. With infinite complacency men went to and fro over this globe about their little affairs, serene in their assurance of their empire over matter. ... Yet across the gulf of space, minds that are to our minds as ours are to those of the beasts that perish, intellects vast and cool and unsympathetic, regarded this earth with envious eyes, and slowly and surely drew their plans against us.

Is It a Bird? Is It a Plane?

When a new alien movie hits the big screen, reports of alien activity often increase. A new book on aliens can have the same effect. Many of these reported sightings happen at night, or when the person is driving along a deserted road.

During World War II, many British and American pilots said they saw bright shining balls near their aircraft. They called them 'foo fighters', after a comic that was popular then.

Between 1947 and 1969, the United States Air Force studied 12 618 UFO sightings in 'Project Blue Book'. They discovered that only 701 of



the sightings were really unidentified. The rest were explained as aircraft and satellites, weather balloons, the planets Venus or Jupiter, meteors, or unusual clouds. Some were also put down to very good imaginations!

This photo of a Japanese fighter plane, taken in 1945, is said to show two 'foo fighters' in the distance.

In the texts

What do the texts on pages 24–25 have in common? Circle one.

	. 5	
	introduction author to	opic conclusion
2	Match each text to its type.	
}	Bob and Gretel's dialogue	poster
}	H.G. Wells' The War of the Worlds	radio transcript
{	Is It a Bird? Is It a Plane?	article
{	The War of the Worlds, Chapter 1	narrative
3	Describe each text and explain what info	ormation it gives about the topic.
	a Radio transcript	
	b Poster (not the movie)	
	c Is It a Bird? Is It a Plane?	
	d The War of the Worlds, Chapter 1	
4	a Rate each text on a scale of 1 to 5 for be	ievable information, where 1 is most believable
	and 5 is <i>least believable</i> .	
	radio transcript	poster
	Is It a Bird? Is It a Plane?	The War of the Worlds, Chapter 1
	b Why is the text with the highest rating th	e most believable?

radio transcript	poster
Is It a Bird? Is It a Plane?	The War of the Worlds, Chapter 1
d Why is the text with the highest	rating the most interesting and entertaining?
	anscript, taking turns to read each of the parts.
	unctuation to guide the way you read.
•	flections as shown by the punctuation.
	anscript. In this text, they show interrupted speech.
Why was Bob Baffle always interrup	ting Gretel?
<u> </u>	aliens and UFOs. How does his language show this?
Give examples.	
3 Study the first sentence in <i>The W</i>	/ar of the Worlds, Chapter 1.
a Rewrite it as several sentences.	
b Does this improve the original tex	xt? Explain your answer.

Read and learn



I Write definitions for these words.

- **b** intelligences:
- **c** mortal:
- **d** scrutinised:
- 2 Read The War of the Worlds, Chapter 1 and answer true (T) or false (F).

			Mankind	was	not	worried	about	intru	ders	from	space.
--	--	--	---------	-----	-----	---------	-------	-------	------	------	--------

- Our minds are just like those from outer space.
- Aliens like us and care for us.
- Aliens want what we have.
- Aliens are very smart.
- 3 What causes an increase in reports of aliens?
- **4** What are foo fighters?
- 5 How many UFO sightings were found to be real objects between 1947 and 1969?
- **6** What makes the poster frightening?
- 7 Who was H.G. Wells?
- 8 What is technicolor?

Your turn

An exposition argues for or against something. It tries to persuade the reader. Write an exposition about aliens — decide to argue for or against the existence of aliens. Use the texts on pages 24–25 for

An exposition argues for or against something. It has:

- the author's point of view
- arguments with supporting evidence
- persuasive words
- a conclusion
- a recommendation for further action.

background information.	To further action.
•••••••••••••••••••••••••••••••••••••••	
Write a strong title.	
Introduce the topic and	
state your point of view.	12
Make at least three	
supporting points and	
back each one up with	
evidence.	
Summarise your point	
of view.	

Persuasive writing

Evaluative language uses words which place a value on the topic, eg *His argument*was useless. It was completely false! Write three sentences using evaluative language to

persuade your reader that it is unwise to believe that aliens can visit Earth.

2 Emotive language uses words which play on people's emotions, eg *The Aliens* approached the defenceless, terrified people in the deserted farmhouse.

Write three sentences using emotive language to convince your reader to donate to a charity that protects stray animals.

3 Rhetorical questions ask the reader about something, but they don't expect an answer, eg What would any sane person think? The answer is usually obvious.

Rhetorical questions focus attention on a topic. Draw lines to connect the halves of each rhetorical question.

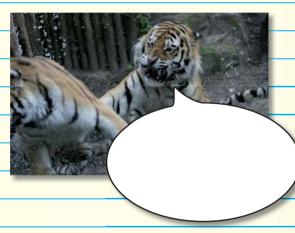
		_
а	What do you	must I say this?
Ь	Why would	take me for?
C	Would you like that	who's counting?
d	How many times	to happen to you?
e	But	of yours?
f	What business is it	someone believe that?



4 Modality shows how strongly the writer feels about a topic. High modality language uses words that show strong feeling and meaning, eg We must study this before more people are scared. Surely this can't go on! A writer uses high modality, low modality or a position in between. Use words from the word bank to convince someone to see your favourite film.

Modal verbsmustmightshouldcouldwillmayModal adverbssurelyrarelyonlydefinitelyclearly

5 Commanding language is very persuasive, eg *You have to be more aware!*Give each character some commanding language.





6 Involving language gets the reader to believe he or she is part of a problem or solution, eg *We can all help. We can share the job.* Write three sentences which will get your friends to join you in watching out for aliens.

Unit 8: It's only water





Water and Your Home

Many people in the world enjoy access to lots of clean, fresh water. How does it get to their homes?

Fresh water is pumped from a lake or dam to a water filtration plant, where it is filtered to remove weeds, fish and minerals. It is then pumped into storage tanks.

From the storage tanks it moves into underground water **mains**, which carry water to taps in our houses. When we open the tap, the pressure in the pipes pushes the water out. Water pipes can also be connected directly to wells or **boreholes** to provide water to houses that are not connected to the water mains.

Using less

In industrialised countries, each person uses up to 1 000 litres of water every day to drink, cook, wash, flush toilets and water gardens. However, in countries where water is not piped into houses, people use as little as five litres per day.

We cannot drink less water, but we can find ways to use less of it for other things. Some ideas are:

- · Repair dripping taps.
- Take a quick shower instead of a bath.
- Wash dishes in a sink, not under a running tap.
- Wash the car with a bucket of water instead of a hose.
- Water the garden at cool times of the day.

Can you think of other ways to conserve water?



How money turns into water



You make a donation. Thanks!

Many non-government organisations (NGOs) do development work in other countries.

The money is added to the NGO's general funds.

The NGO also needs money for administration, such as paying staff and renting an office.





The NGO decides which projects to support.

The NGO forms a committee to decide which projects to support. The NGO works with partner organisations in other countries to design projects, such as building toilets or funding a community nurse.

Water for Everyone?

All humans need water to survive. In modern, industrialised countries, clean water is easy to find — we simply turn on a tap. In some countries, water is a luxury. More than one billion people in the world do not have access to clean, safe water.



Not enough water

In the **Developing World**, many people cannot get enough water for drinking and cooking. If they can find water, they may have to carry it long distances from rivers and wells. Women and children spend a large

part of every day fetching water. This prevents them from doing important work and going to school.

If there is a drought, there is no water to collect.

Dirty water kills

Where there is no running water, people don't have flushing toilets and sewerage systems.

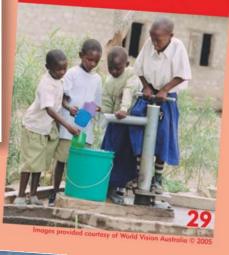
Human and animal waste ends up in rivers and can cause diseases. Every day about 6 000 people in the Developing World, mostly children under the age of five, get sick and die from drinking polluted water.

The United Nation's Millennium Development Goals call for the number of people who don't have sustainable access to safe drinking water and basic **sanitation** to be halved by the year 2015. This big goal can be achieved if governments make water and sanitation a funding priority for the world's poorest people.

A capped spring provides constant fresh water.



A protected well and pump supplies clean water to students of Shambarai Primary School in Tanzania.



This traditional, hand-dug well in Mali isn't deep enough to reach a steady supply of water.

The NGO may receive extra funds.

AusAID, the Australian Government agency for international development, may give extra money.





Money is sent to the partner organisation.

Local villagers and the partner organisation buy materials and start work.

A village gets clean water!

Clean water means better health and less disease.





The project is reviewed.

The partner organisation and the NGO check that the money was spent as planned, and that the project is a success.

28

In the texts

- Water and Your Home and Water for Everyone? contain explanations, which tell how or why things happen.
 - a Circle the explanations in each text. Done
 - **b** Complete these sentences in your own words.

The explanation in Water and Your Home tells us how

The explanation in Water for Everyone? tells us how

- **2** Why does the author use dot points in *Water and Your Home*?
- **3** An acronym is a word formed from the first letter or letters of a group of words.

Find out the meanings of these acronyms.

- a AusAID:
- **b** WHO:
- c RAAF:
- **d** UNMDG (Hint: see page 77):
- e Which acronym above is not pronounced as a word?
- 4 How money turns into water is an explanation shown as a flow chart.
 - **a** Write a new title for the explanation that also begins with *How*.
 - **b** What do the arrows mean?
 - **c** What difference does it make to have photos with the text?
- 5 a What is the purpose of a caption?
 - **b** Write your own caption for the photo of students pumping water on page 77.

Read and learn

L	The bold words in	Water and Yo	ur Home and	Water for Ev	eryone? belon	g in a g	lossary.
---	-------------------	--------------	-------------	--------------	---------------	----------	----------

Write your own definitions for the words.

- a mains:
- **b** boreholes:
- c Developing World:
- **d** sanitation:
- 2 List other words from pages 76 and 77 that you think should be included in a glossary.
- **3** *Spring* is a homonym. Write four meanings for it.

1

2

3

4

- 4 Read Water and Your Home.
 - a Write numbers to complete these sentences.

Every year, a person in an industrialised country uses about

litres of

water. That's enough to fill about eight swimming pools! During the same period, about

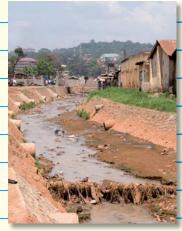
people in the Developing World die from drinking polluted water.

- **b** Why do you think people wash cars using garden hoses?
- **c** Why would watering the garden at cool times of the day save water?
- 5 In Water for Everyone?, what do you think water is a luxury means?
- **6** Circle the three most important reasons to have clean water.

beautiful views	staying cool	cooking
health	water sports	growing food
making ice	swimming lessons	fish farming



7 Write captions for these photos about how drinking water can become polluted.





8 Write three sentences which explain why polluted water is bad for human health.

9 Why do you think the last step in the flow chart is included? What would happen if an NGO skipped this step?

IO Choose an NGO that works in Africa. Research and explain what it does.

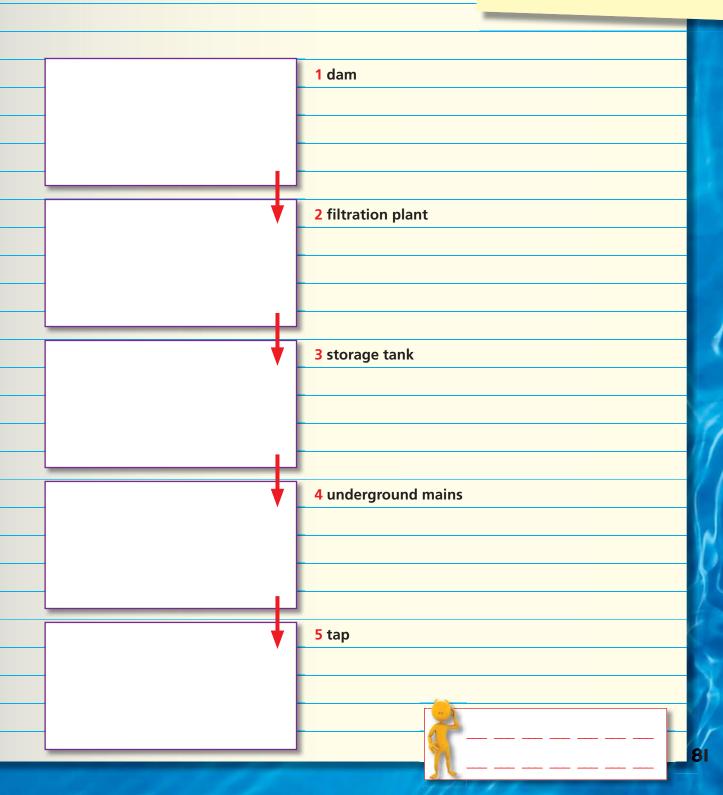
Your turn

- Use *Water and Your Home* on page 76 to explain how clean, fresh water gets to your home.
 - a Draw a flow chart.
 - **b** Write an introduction that tells what is being explained.
 - **c** Write one or two sentences for each step of the explanation.

How Water Reaches Our Homes

An explanation tells how and why things happen. It explains actions and processes. It has:

- a title that often includes How or Why
- a statement introducing the action or process
- sequenced paragraphs in present tense
- conclusion
- labelled diagrams and flow charts.



Sentences

Nearly every sentence contains a subject and a verb. Add verbs to these subjects to build sentences. Add singular verbs to singular nouns, and plural verbs to plural nouns.

End each sentence with a full stop, question mark or exclamation mark.

My dog slept.

- a Those trees
- **b** The large organisation
- **c** His pet goat
- **d** Four old men
- **2** Add an adverb to each sentence to add meaning to the verb.

My dog slept soundly.

- Those trees
- **b** The large organisation
- **c** His pet goat
- **d** Four old men
- 3 A phrase is a short group of words with a preposition but without a verb, eg across

the lake. It can act like an adverb or adjective.

Add words to build phrases in these sentences. Remember: no verbs!

- **a** Friends gathered at the
- **b** They respected the man *from*
- **c** After
- **d** A reporter interviewed people at
- e A report was published next day in
- 4 Add adverbial phrases to these sentences to tell how, when, where or how much.

, they all left to go home.

- a Villagers cheered when their water supply arrived (say how)
- **b** New pumps were built (say where)

so everyone had water.

c (Say how long)

, the village had been

without fresh water.



- **d** Fresh water saved the village (say where) from disaster.
- e (Say when) , the children would have to carry water home.
- Write adjectival phrases to add detail to the subjects of these sentences, eg *The boy*with a sweet smile was planning to be very naughty. With a sweet smile describes

 the boy.
 - a The village children squealed and clapped their hands.
 - **b** Water flowed down their chins.
 - c Mothers and fathers laughed loudly.
 - d , the sun rose over the village.
- **Sentences must have a consistent tense.** For example, a sentence that starts in the past tense must use the past tense all the way through. Underline the mistakes in these sentences.

 Last week, the NGO took its teams into Sudan and give help to farmers. To help the NGO, we will donate money from our charity fund and counted it. It isn't as much as we think, so we needed to donate more.
- **7** Write adjectival clauses to describe the people in the sentences.

Remember: a clause has a verb.

- a Jason,
 fell head first into the mud.
- **b** We searched everywhere for Harry
- **c** The pup was missed by his owner.
- **d** Down the road rolled the truck
- e Quick thinking by the driver stopped the runaway truck.
- f The committee,

 decided to support the projects immediately.

Mystuff

Interesting things I've read, seen or done lately.

18

Books read
POETRY
COOL GAMES

photos

WHICH IS BEST!



The best part was

The hardest part was

The easiest part was

Most interesting fact

1 2 3 4 5 6 7 8 9 10

Unit 8: It's only water



The best part was

The hardest part was

The easiest part was

Most interesting fact

1 2 3 4 5 6 7 8 9 10



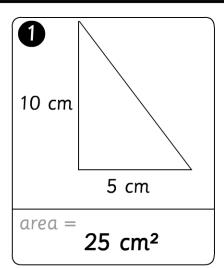
Answer Keys

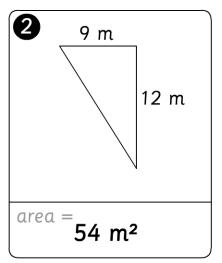


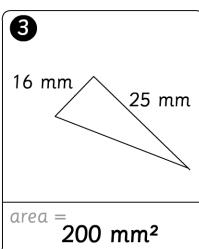


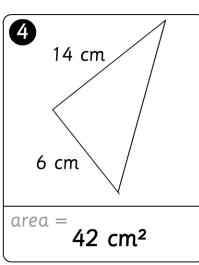
Write the area of the right-angled triangle in the boxes below. You may need a calculator. One has been done for you.

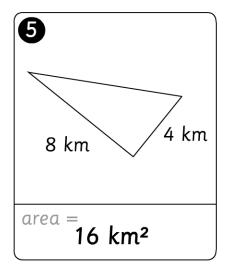


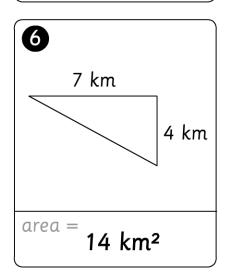


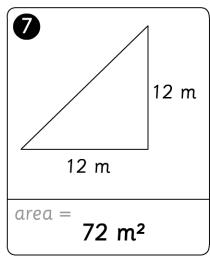


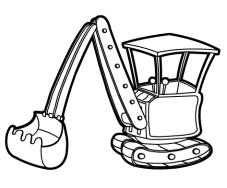












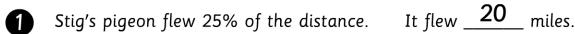
Now draw your own right-angled triangle on the back of the sheet. Label the lengths of the base and height. Then ask a friend to calculate the area.





Stig, Sten, Manu and Klara decided to race their pigeons to see which was the best. They decided that each pigeon should race three times over different distances.

Race 1. Distance = 80 miles.



2 Manu's pigeon flew 50% of the distance. It flew <u>40</u> miles.

3 Sten's pigeon flew 10% of the distance. It flew ____8 __ miles.

4 Klara's pigeon flew 75% of the distance. It flew 60 miles.

Race 2. Distance = 100 miles.

Stig's piggon flow 50% of the distance. It flow

5 Stig's pigeon flew 50% of the distance. It flew <u>**50</u> miles.**</u>

6 Manu's pigeon flew 10% of the distance. It flew <u>10</u> miles.

7 Sten's pigeon flew 1% of the distance. It flew ___1 miles.

8 Klara's pigeon flew 25% of the distance. It flew <u>25</u> miles.

Race 3. Distance = 90 miles.

Stig's pigeon flew 5% of the distance. It flew 4.5 miles.

Manu's pigeon flew 25% of the distance. It flew <u>22.5</u> miles.

Sten's pigeon flew 50% of the distance. It flew 45 miles.

12 Klara's pigeon flew 10% of the distance. It flew ___9 __ miles.

How far did each pigeon fly?

Write the totals in the spaces below, starting with the one that flew the farthest.

(a) Klara's pigeon came 1st. It flew <u>94</u> miles altogether.

b <u>Stig's</u> pigeon came 2nd. It flew <u>74.5</u> miles altogether.

(C) Manu's pigeon came 3rd. It flew 72.5 miles altogether.

(d) <u>Sten's</u> pigeon came 4th. It flew <u>54</u> miles altogether.

This may be reproduced for class use within current subscriber institutions

Answers: Geometry - Volume

- **1.** C
- **2.** C
- **3.** C
- 4. --
- **5.** C
- **6.** D
- **7.** D
- **8.** D
- **9.** C
- **10.** D

Explanations: Geometry - Volume

1. The formula for the volume of a rectangular prism is shown below.

To find the volume of the pencil box, substitute the values given in the question into the formula.

$$V = \left(9\frac{2}{3}\operatorname{in}\right) \times \left(4\frac{1}{5}\operatorname{in}\right) \times \left(1\frac{1}{4}\operatorname{in}\right)$$

$$= \left(\frac{29}{3}\operatorname{in}\right) \times \left(\frac{21}{5}\operatorname{in}\right) \times \left(\frac{5}{4}\operatorname{in}\right)$$

$$= \frac{3,045}{60}\operatorname{cu}\operatorname{in}$$

$$= \frac{203}{4}\operatorname{cu}\operatorname{in}$$

$$= 50\frac{3}{4}\operatorname{cu}\operatorname{in}$$

2. The formula for the volume of a rectangular prism is shown below.

$$V = l \cdot w \cdot h$$

To find the volume of the rectangular prism, substitute the values given in the question into the formula.

$$\begin{aligned} V &= \left(\frac{1}{2} \operatorname{in}\right) \cdot \left(\frac{2}{3} \operatorname{in}\right) \cdot \left(\frac{1}{2} \operatorname{in}\right) \\ &= \frac{2}{12} \operatorname{cu} \operatorname{in} \\ &= \frac{1}{6} \operatorname{cu} \operatorname{in} \end{aligned}$$

3. The formula for the volume of a rectangular prism is shown below, where B is the area of the base and h is the height of the prism.

$$V = Bh$$

First, find the area of the base, B, of the fish tank. The fish tank has a length of $2\frac{3}{4}$ feet and a width of $1\frac{1}{2}$ feet. So, the area of its base can be calculated as shown below.

$$B = length \times width$$

$$= 2\frac{3}{4} ft \times 1\frac{1}{2} ft$$

$$= \frac{11}{4} ft \times \frac{3}{2} ft$$

$$= \frac{33}{8} sq ft$$

Next, find the volume, V, of the fish tank. Substitute $B = \frac{33}{8}$ square feet and $h = 2\frac{1}{2}$ feet into V = Bh.

$$V = Bh$$

$$= \frac{33}{8} \text{ sq ft} \times 2\frac{1}{2} \text{ ft}$$

$$= \frac{33}{8} \text{ sq ft} \times \frac{5}{2} \text{ ft}$$

$$= \frac{165}{16} \text{ cu ft}$$

$$= 10\frac{5}{16} \text{ cu ft}$$

So, the volume of the fish tank is $10 \frac{5}{16}$ cu ft.

4. The volume of the prism can be found in two ways.

One way is to first find the measurements of the length, width, and height.

length =
$$4 \times \frac{1}{6}$$
 cm
width = $2 \times \frac{1}{6}$ cm

$$\text{height} = \ 3 \times \tfrac{1}{6} \, \text{cm}$$

Now, substitute these measurements into the formula of the volume of a prism.

Volume =
$$\left(4 \times \frac{1}{6} \text{ cm}\right) \times \left(2 \times \frac{1}{6} \text{ cm}\right) \times \left(3 \times \frac{1}{6} \text{ cm}\right)$$

= $\frac{4}{6} \text{ cm} \times \frac{2}{6} \text{ cm} \times \frac{3}{6} \text{ cm}$
= $\frac{2}{3} \text{ cm} \times \frac{1}{3} \text{ cm} \times \frac{1}{2} \text{ cm}$
= $\frac{2}{18} \text{ cubic cm}$
= $\frac{1}{9} \text{ cubic cm}$

Another way is to first find the volume of one cube.

Another way is to first find the volume of one cube.
$$\frac{1}{6} \text{ cm} \times \frac{1}{6} \text{ cm} \times \frac{1}{6} \text{ cm} = \frac{1}{216} \text{ cubic cm}$$
Now, multiply the volume of one cube by the number of cubes.

$$\frac{1}{216} \text{ cubic cm} \times (4 \times 2 \times 3) = \frac{1}{216} \text{ cubic cm} \times 24$$

$$= \frac{24}{216} \text{ cubic cm}$$

$$= \frac{1}{9} \text{ cubic cm}$$

Therefore, the following each represent the volume of the prism.

$$\left(4 \times \frac{1}{6} \text{ cm}\right) \times \left(2 \times \frac{1}{6} \text{ cm}\right) \times \left(3 \times \frac{1}{6} \text{ cm}\right)$$

$$\frac{1}{216} \text{ cubic cm} \times 24$$

$$\frac{1}{9} \text{ cubic cm}$$

5. The volume of a prism can be determined using the formula below.

Volume = length
$$\times$$
 width \times height

Since each cube measures $\frac{1}{4}$ of a centimeter on one side, then the dimensions of the prism are shown below.

length =
$$5 \times \frac{1}{4}$$
 cm
width = $2 \times \frac{1}{4}$ cm
height = $2 \times \frac{1}{4}$ cm

Substitute these dimensions into the volume formula to determine the volume of the prism.

Volume =
$$\left(5 \times \frac{1}{4} \text{ cm}\right) \times \left(2 \times \frac{1}{4} \text{ cm}\right) \times \left(2 \times \frac{1}{4} \text{ cm}\right)$$

= $\frac{5}{4} \text{ cm} \times \frac{2}{4} \text{ cm} \times \frac{2}{4} \text{ cm}$
= $\frac{5}{4} \text{ cm} \times \frac{1}{2} \text{ cm} \times \frac{1}{2} \text{ cm}$
= $\frac{5}{16} \text{ cubic cm}$

6. The formula for the volume of a rectangular prism is shown below.

$$V = length \times width \times height$$

To find the volume of the microwave, substitute the values given in the question into the formula.

$$V = \left(\frac{5}{3} \text{ ft}\right) \times \left(\frac{5}{4} \text{ ft}\right) \times \left(\frac{3}{4} \text{ ft}\right)$$

$$= \frac{75}{48} \text{ cu ft}$$

$$= \frac{25}{16} \text{ cu ft}$$

$$= 1 \frac{9}{16} \text{ cu ft}$$

7. The volume of a rectangular prism can be found using the formula below.

The volume of the prism can be found in two ways - either by multiplying the volume of each cube by the number of cubes or by using the volume formula.

To find the volume of the rectangular prism the first way, find the volume of one cube.

$$\frac{1}{5}$$
 in $\times \frac{1}{5}$ in $\times \frac{1}{5}$ in $= \frac{1}{125}$ cu in

Next, count the number of cubes inside the prism. Since there are 3 layers of cubes and each layer has 10 cubes, the total number of cubes inside the prism is calculated as shown below.

$$3 \times 10 = 30$$

Now, multiply the volume of one cube by the number of cubes.

$$\frac{1}{125}$$
 cu in \times 30 = $\frac{30}{125}$ cu in = $\frac{6}{25}$ cu in

The other way to find the volume of a rectangular prism is to find the length, width and height of the prism by multiplying the number of cubes for each measurement by the length of one cube.

length =
$$5 \times \frac{1}{5}$$
 in
width = $2 \times \frac{1}{5}$ in
height = $3 \times \frac{1}{5}$ in

Now, substitute these measurements into the formula of the volume of a prism.

Volume =
$$\left(5 \times \frac{1}{5} \text{ in}\right) \times \left(2 \times \frac{1}{5} \text{ in}\right) \times \left(3 \times \frac{1}{5} \text{ in}\right)$$

= $1 \text{ in } \times \frac{2}{5} \text{ in } \times \frac{3}{5} \text{ in}$
= $\frac{6}{25} \text{ cu in}$

The volume of the prism found by both the methods is the same.

So, the volume of the prism is $\frac{6}{25}$ cu in.

8. The volume of a rectangular prism can be found using the formula below.

The volume of the prism can be found in two ways - either by multiplying the volume of each cube by the number of cubes or by using the volume formula.

To find the volume of the rectangular prism the first way, find the volume of one cube.

$$\frac{1}{2}$$
 ft $\times \frac{1}{2}$ ft $\times \frac{1}{2}$ ft $= \frac{1}{8}$ cu ft

Next, count the number of cubes inside the prism. Since there are 4 layers of cubes and each layer has 24 cubes, the total number of cubes inside the prism is calculated as shown below.

$$4 \times 24 = 96$$

Now, multiply the volume of one cube by the number of cubes.

$$\frac{1}{8} \operatorname{cu} \operatorname{ft} \times 96 = \frac{96}{8} \operatorname{cu} \operatorname{ft}$$
$$= 12 \operatorname{cu} \operatorname{ft}$$

The other way to find the volume of a rectangular prism is to find the length, width and height of the prism by multiplying the number of cubes for each measurement by the length of one cube.

length =
$$8 \times \frac{1}{2}$$
 ft
width = $3 \times \frac{1}{2}$ ft
height = $4 \times \frac{1}{2}$ ft

Now, substitute these measurements into the formula of the volume of a prism.

Volume =
$$\left(8 \times \frac{1}{2} \text{ ft}\right) \times \left(3 \times \frac{1}{2} \text{ ft}\right) \times \left(4 \times \frac{1}{2} \text{ ft}\right)$$

= $4 \text{ ft} \times \frac{3}{2} \text{ ft} \times 2 \text{ ft}$
= 12 cu ft

The volume of the prism found by both the methods is the same.

So the volume of the prism is 12 cu ft.

9. The volume of a prism can be determined using the formula below.

$$Volume = length \times width \times height$$

Since each cube measures $\frac{1}{4}$ of an inch on one side, then the dimensions of the prism are shown below.

length =
$$3 \times \frac{1}{4}$$
 in
width = $2 \times \frac{1}{4}$ in
height = $2 \times \frac{1}{4}$ in

Substitute these dimensions into the volume formula to determine the volume of the prism.

Volume =
$$\left(3 \times \frac{1}{4} \text{ in}\right) \times \left(2 \times \frac{1}{4} \text{ in}\right) \times \left(2 \times \frac{1}{4} \text{ in}\right)$$

= $\frac{3}{4} \text{ in} \times \frac{2}{4} \text{ in} \times \frac{2}{4} \text{ in}$
= $\frac{3}{4} \text{ in} \times \frac{1}{2} \text{ in} \times \frac{1}{2} \text{ in}$
= $\frac{3}{16} \text{ cubic in}$

10. The formula for the volume of a rectangular prism is shown below.

$$V = l \cdot w \cdot h$$

To find the volume of the rectangular prism, substitute the values given in the question into the formula.

$$\begin{split} V &= \left(\frac{1}{2}\,\mathrm{cm}\right) \cdot \left(\frac{1}{4}\,\mathrm{cm}\right) \cdot \left(\frac{4}{5}\,\mathrm{cm}\right) \\ &= \frac{4}{40}\,\mathrm{cu}\,\,\mathrm{cm} \\ &= \frac{1}{10}\,\mathrm{cu}\,\,\mathrm{cm} \end{split}$$

Answers

- 1. B
- 2. D
- 3. A
- 4. C
- 5. B
- 6. D
- 7. C
- 8. B
- 9. A
- 10. C



Answers: Language Arts - Punctuation

- **1.** C
- **2.** B
- **3.** B
- **4.** D
- **5.** A
- **6.** C
- **7.** A
- **8.** B
- **9.** A
- 10. --

Explanations: Language Arts - Punctuation

- 1. The phrase "leafy and green" is considered nonessential. This means that it does not change the meaning of the sentence if removed. The phrase is correctly set apart from the sentence by a comma. Parentheses and dashes are other ways to set off nonessential phrases. This phrase describes the trees under which the traveler sits.
- 2. There shouldn't be any commas in the sentence since it is one long independent clause. Also, don't forget the period at the end of the sentence.
- 3. The phrase "an accomplished chef" is considered nonessential. This means that it does not change the meaning of the sentence if it is removed. The phrase is correctly set apart from the sentence by a pair of commas. Dashes and parentheses are other ways to set off nonessential phrases. This phrase describes Peter's profession.
- **4.** The phrase "heavily frosted with ice crystals" is considered nonessential. This means that it does not change the meaning of the sentence if removed. The phrase is correctly set apart from the sentence by a comma. Parentheses and dashes are other ways to set off nonessential phrases. This phrase describes the Popsicle, which is covered with ice crystals.
- 5. The phrase "which was racing away from her" is considered nonessential. This means that it does not change the meaning of the sentence if it is removed. The phrase is correctly set apart from the sentence by a pair of commas. Dashes and parentheses are other ways to set off nonessential phrases. This phrase describes what the trolley is doing—it is racing away from Clara. The word "which" usually indicates nonessential information.
- 6. The phrase "an item on her shopping list" is considered nonessential. This means that is does not change the meaning of the sentence if it is removed. The phrase is correctly set apart from the sentence by a dash. Parentheses and commas are other ways to set off nonessential phrases. This phrase provides information about the flour—it is an item on Yvette's shopping list. The word "that" indicates the beginning of an essential clause, so it does not need a preceding comma or dash.
- 7. With more than two items in a series, make sure that each item is separated by a comma. Also, don't forget the period at the end of the sentence.
- 8. The phrase "including the mayor's house and the park" is considered nonessential. This means that it does not change the meaning of the sentence if removed. The phrase is correctly set apart from the sentence by a pair of parentheses. Parentheses and dashes are other ways to set off nonessential phrases. This phrase provides information about the view in Hayden's bedroom.
- 9. The correct answer should have quotation marks around what the president said. There should be a comma after the opening phrase to introduce the quote. Also, there should be a comma after the introductory phrase *inside* the quote ("For all of us Americans"). Also, don't forget the period at the end of the sentence. It should go inside of the quotation marks.
- 10. In the first blank, the initials "YMCA" need parentheses around them. These four initials represent the name of the organization, which is spelled out at the beginning of the sentence.

 In the second blank, a semicolon is needed to separate the two independent clauses because there is no coordinating conjunction.



Helping Hands

Worksheet A

- evacuation, decoration, instruction, explosion, desperation, organization
- 2 universe, music, critic, pirate, ignore
- 3 assistant, dangerous, personal, reliable, nervous
- 4 electricity, insufficient, partially, mysterious, occasional



flute, saxophone, oboe, clarinet, trombone

Worksheet B

- 1 undesirable, dissimilar, unfamiliar, independent, insufficient, uncomfortable
- 2 minister, official; personal, assistant; electrician, dangerous; vigilant, explosion; technician, portable
- 3 commercially, sufficiently, desperately, regularly, persistently, musically, similarly, regionally
- 4 persistent, dependants, confident, correspondent, ignorant



4 letters: bent, best, bets, bone, boom, boon, boot, bore, born, eons, mobs, moon, moor, moot, more, morn, most, nest, nets, norm, nose, note, oboe, omen, ones, onto, ores, rent, rest, robe, robs, room, root, rose, rots, sent, snob, snot, some, soon, soot, sore, sort, stem, tens, term, toes, tomb, tone, tons, tore, torn

5 letters: bones, booms, boost, boots, bores, borne, bosom, broom, metro, moons, moors, moose, moron, motor, noose, norms, notes, omens, onset, rents, robes, robot, rooms, roost, roots, smote, snore, snort, sober, stern, stone, store, storm, tenor, terms, tombs, tomes, toner, tones, torso

ISBN 9781921852930 Spelling Games 6 © Blake Education 2013

Grade6_HelpingHands.indd 3 18/06/13 2:35 PM