April 1-24 District Packet



FAMILIES: We are excited to release a School Closure Toolkit for families with several resources that can be used to support at-home learning. This toolkit provides parents and families with guidance on school meals, student work, and more. Access here: https://www.tn.gov/ .../School%20Closure%20Toolkit%20-%20Famil...

edmentum

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

5th Grade Worksheet Bundle:

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

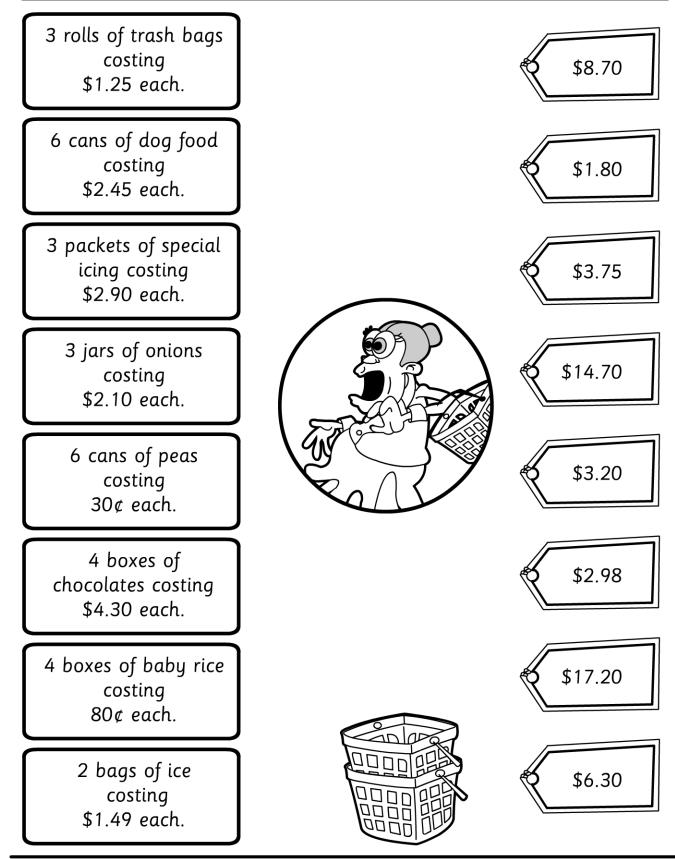




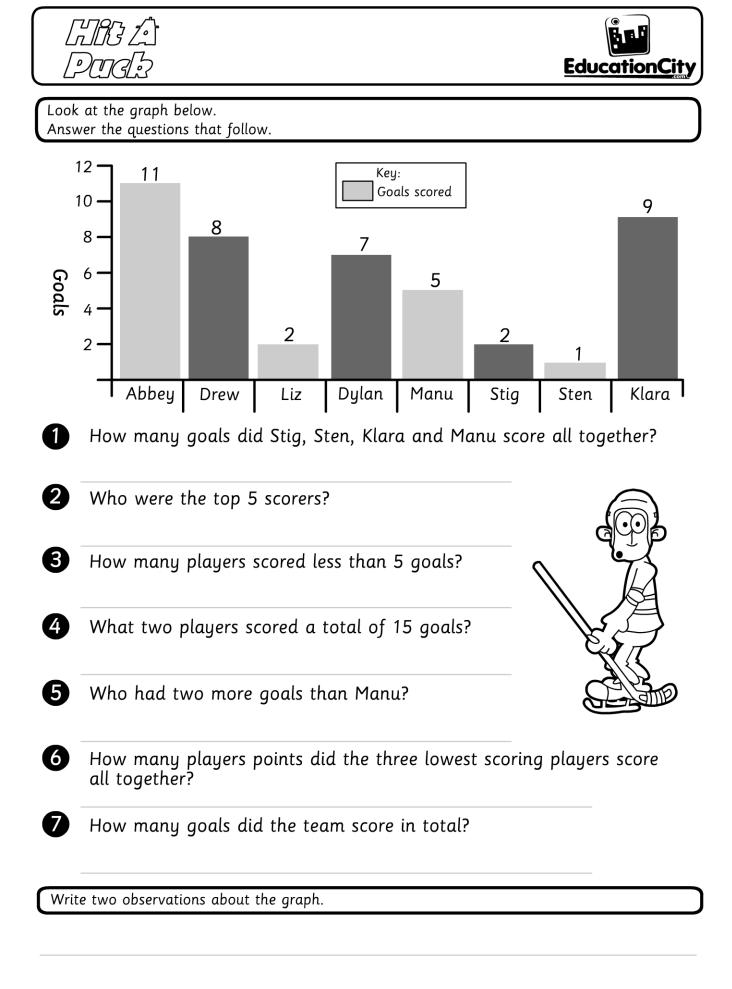




Granny loves shopping, but she needs help! She's getting so carried away with her bargains that she's not able to figure out how much she's spending. Match the correct prices to the items below.



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Study Island 5th Grade Math - Numerical Expressions

Question 1.

Which of the following is true about the expression given below?

 $\left(1,325 \div \frac{1}{3}\right) - 60$

• **A.** The given expression is sixty less than $\left(1,325 \div \frac{1}{3}\right)$.

B. The given expression is sixty times less than $\left(1,325 \div \frac{1}{3}\right)$.

• **C.** The given expression is sixty times as large as $\left(1,325 \div \frac{1}{3}\right)$.

D. The given expression is sixty more than $\left(1,325 \div \frac{1}{3}\right)$.

Question 2.

Add 6 and 9. Then, subtract 3.

Which of the following expressions matches the statement above?

A. 6+9-3
B. 6+3-9
C. 3+9-6

D. 3-6+9

Question 3.

$$\frac{(2,441-711)}{4}$$

Which of the following is true about the expression above?

• A. The given expression is 4 less than the value of (2,441 - 711).

B. The given expression is one-fourth the value of (2,441 - 711).

C. The given expression is 4 times the value of (2,441 - 711).

D. The given expression is 4 divided by the value of (2,441 - 711).

Question 4.

(28 × 54) + 200

Which of the following is true about the expression above?

- A. The given expression is 200 times smaller than (28 × 54).
- **B.** The given expression is 200 less than (28 × 54).
- **C.** The given expression is 200 more than (28 × 54).
- **D.** The given expression is 200 times larger than (28×54) .

Question 5.

Which of the following is true about the expression given below?

 $3 \times (4,617 + 19.17)$

- A. The given expression is three times as large as (4,617 + 19.17).
- **B.** The given expression is three more than (4,617 + 19.17).
- **C.** The given expression is three times less than (4,617 + 19.17).
- **D.** The given expression is three less than (4,617 + 19.17).

Question 6.

Subtract 3 from 9. Then, add 4.

Which of the following expressions matches the statement above?

A. 9-4+3
B. 3-9+4
C. 9-3+4
D. 9-3-4

Add 6 and 7. Then, multiply by $\frac{2}{3}$.

Which of the following expressions matches the statement above?

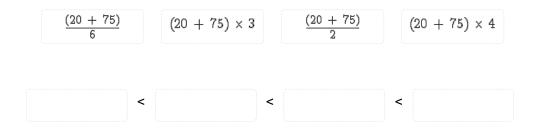
• A.
$$7 + 6 \times \frac{2}{3}$$

• B. $6 \times \left(\frac{2}{3} + 7\right)$
• C. $6 + 7 \times \frac{2}{3}$
• D. $\frac{2}{3} \times (6 + 7)$

Question 8.

Directions: Drag each tile to the correct box.

Put the expressions in order from least to greatest.



Question 9.

Divide 19 by 3. Then, add 4.

Which of the following expressions matches the statement above?

● **A.** 3 ÷ 19 + 4

- **B.** 19 ÷ 4 + 3
- **C.** 19 ÷ (3 + 4)
- **D.** 19 ÷ 3 + 4

Question 10.

Add 15,050 and 5.61. Then, multiply by 2.

Which of the following expressions matches the statement above?

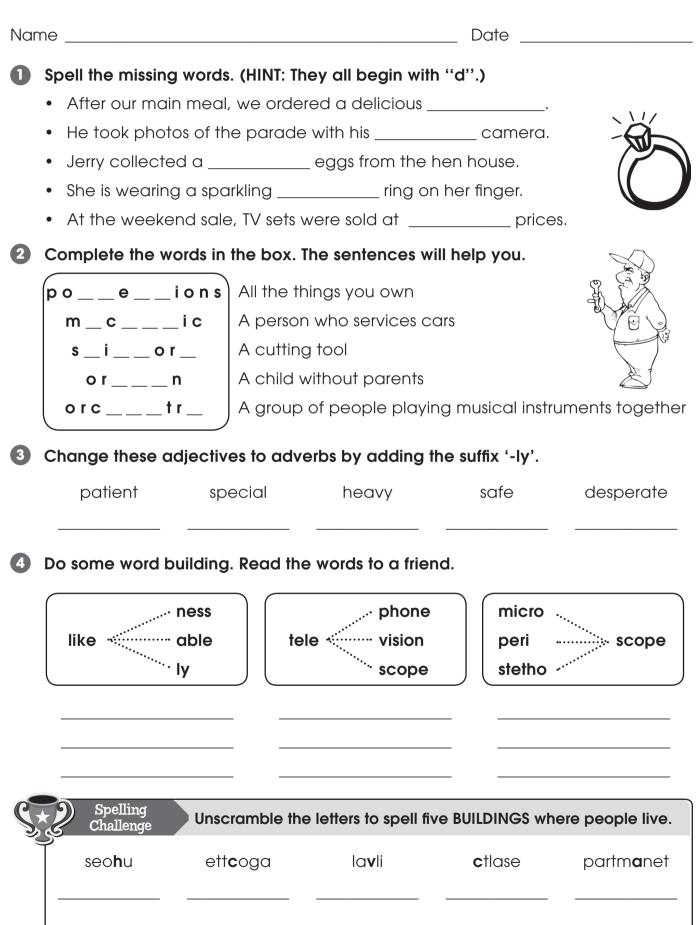
- **A.** 2 × (15,050 + 5.61)
- **B.** (2 + 5.61) × 15,050
- **C.** 2 × 15,050 + 5.61
- **D.** 15,050 + 5.61 × 2



Reading and Literacy

Worksheet A





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ne	Date
Add an endi	ing to each word in the box to complete the sentences correctly.
peaceful	The baby is sleeping in her cot.
potato	I peeled the and cut them into chips.
like	Rain has been forecast, but I don't think it's
discuss	We had a lively about the latest computer games
heavy	Snow fell on the Southern Alps.
Find and fix t	the spelling mistake in each sentence.
	berswade dad to let us go to the fun park.
• The police	e soon caught up with the villian and arrested him.
• I'm going	cave exploring with sevral of my friends.
• Two soldie	ers gard the entrance to the royal palace.
• He goes to	o the gym reguly.
Add the miss	sing letters.
• A pedom	eter is a d $_$ v $_$ $_$ e for counting the steps taken when walking.
• Scientists	carry out r _ s ch in a laboratory.
• All tickets	were sold at the sp I price of \$10.
• A diamon	nd ring is a v _ I bI _ piece of jewelery.
• Matt easil	ly co _ pl _ t _ d all levels of the computer game.
	prrect word in the brackets.
• He (kneel	I knelt) down to pat the dog.
	(ladle label) all your schoolbooks clearly.
	s the small (device devise) in his pocket.
	a (surprise surface) when I opened my gift.
-	s a long and sticky (thong tongue).
, thog had	
Spelling C	Challenge Use the letters in this word to make new words.
	graduates
	Score five points for each correct word.
	My score:

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Name: _____

Modifiers

Read each sentence below. Decide which adjective should be used to complete the sentence. Circle the correct choice.

1.	The more I thought about A. angry		oke, the I became C. angriest	
2.	My hair is very afte A. curly		rain. C. curliest	D. most curliest
3.	The of all the kids	in the kindergarten c	lass is my little brother.	
	A. smart	B. smarter	C. smartest	D. more smarter
4.	That batch of brownies i A. sweet		tasted. C. sweetest	D. most sweetest
5.	I am usually than r	-		
	A. calm	B. calmer	C. calmest	D. more calmer
6.	She wore a pair of A. simple		e's attention would be for C. simplest	
7.	My dog is the of al	l in puppy agility clas	SS.	
	A. young	B. younger	C. youngest	D. more younger
8.	My aunt is than my A. rich	-	C. richest	D. most richest
9.	When we all lined up ac	cording to height, An	ny was the in our o	class.
	A. short	B. shorter	C. shortest	D. more shorter
10	. August was the mo A. hot	onth of the year. B. hotter	C. hottest	D. most hottest



Study Island 5th Grade Writing - Organizing Ideas

Question 1.

(1) He had been preparing for this day for the last month, collecting supplies and organizing groups of kids from his school. (2) Before he woke his mom, he checked the supplies again: garbage bags, snacks, and reflector vests. (3) Everything was there. (4) His mom came into the room with a plate of pancakes.

(5) "You'll need to eat a good breakfast," she said. (6) "Cleaning up the river is hard work, but being in charge of the project is the hardest job." (7) Michael nodded and began eating his breakfast. (8) His mother smiled. (9) "I'm not the only mother who will thank you and the rest of your friends, you know," she said to Michael. (10) "Mother Nature appreciates your efforts, too." (11) Michael woke at dawn, ready to go.

Which sentence in this story is in the wrong place?

- A. sentence 2
- B. sentence 7
- C. sentence 4
- **D.** sentence 11

Question 2.

Paragraph 1

Jarome Iginla is one of the best players in National Hockey League. Iginla has played for the Calgary Flames since 1996. He led the NHL in points scored from 2001 to 2002. For 10 years of his career, only one other player scored more goals than Iginla.

Paragraph 2

He is the first black player to be chosen to lead an NHL team. He has also won the Lester Pearson Most Valuable Player Award. He has been named an NHL All-Star Player five times. Iginla was chosen to be captain of the Calgary Flames in 2003.

Paragraph 3

He helped the Canadian hockey team win its first gold medal in 50 years. Iginla broke the Flames' record for number of games played. Iginla played in the 2002 Winter Olympics. He has played in more than 800 games. Iginla has also scored the most points in the team's history.

Paragraph 4

Iginla donates \$2000 to charity every time he scores a goal. He started the Jarome Iginla Hockey School. In 2004, Iginla was selected for two NHL community service awards. The King Clancy Memorial Trophy and NHL Foundation Player Award both recognized his charity work. Proceeds from the school go to the Diabetes Research Association. Iginla receives almost as much attention for his work off the ice.

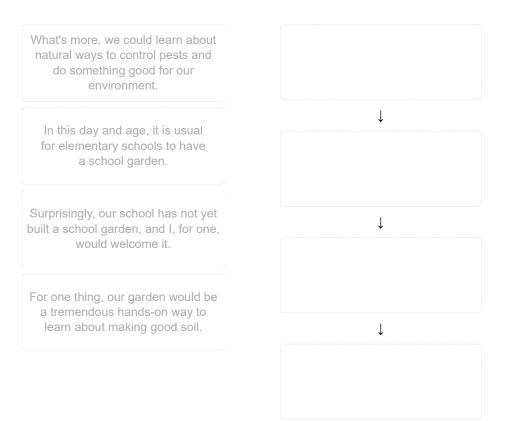
Which paragraph is organized in the most logical order?

- A. paragraph 1
- B. paragraph 3
- C. paragraph 2
- **D.** paragraph 4

Question 3.

Directions: Drag each tile to the correct box.

Angelica is writing an opinion piece about starting a school garden. Put the sentences of Angelica's piece in the correct order.



Question 4.

Directions: Select the sentence that is in the wrong place in the passage.

Early Native Americans

Before Europeans settled in North America, the Native Americans lived off of the land. Native Americans relied on the natural resources of their land to get food and materials for clothing and shelter. Native Americans mostly bartered for goods. Barter is another word for trade. Different tribes exchanged goods with each other. Some Native Americans traded jewelry, pottery, and a kind of money called wampum which was usually made of clam shells. Tribes living near rivers, lakes, and oceans set fish traps for meat. Native Americans never used gold for trade or money. The Native American trade network was quite large, and goods were traded over long distances.

Almost all Native American tribes hunted and farmed. Most Plains tribes hunted buffalo for meat. Eastern Woodlands tribes hunted deer and smaller animals. Southwest tribes farmed corn, beans, and some fruit and hunted mostly small animals.

Traveling by Air

(1) When preparing for a trip, one of the first to decisions to make is transportation. (2) A commonly selected method is flying. (3) While this is very convenient, it is helpful to learn about the process so that your airport experience goes smoothly.

Precise Packing

(4) You can simplify your experience before you even leave home. (5) Be sure that the contents of your luggage are in accordance with the prohibited items list. (6) Things not permitted on the plane include hazardous materials, fireworks, and even bottled water.

(7) The weight of your suitcase must also be considered. (8) Most airlines charge a fee for your luggage and that fee is increased if it is really heavy. (9) Acceptable weights are listed on each airline's website.

Security

(10) Another important part to air travel is going through security. (11) There are many rules that must be followed. (12) To make your turn through the line easier, there are a few tips that might help you. (13) You must take off your shoes. (14) If you are carrying a laptop, it must be sent through separately. (15) There are also restrictions on liquids that can be carried on to the plane.

(16) Traveling can be a fantastic experience. (17) Being an informed and prepared traveler can make your trip even better.

Choose the **best** place to add the following sentence.

If you pack an item not allowed, you will probably have to throw it away before proceeding past security.

- A. after sentence 15
- B. after sentence 17
- C. after sentence 10
- **D.** after sentence 2

Mars Rovers



(1) The United States space agency known as NASA launched two robot rovers to study Mars. (2) The goal was to see if Mars ever had water. (3) It has turned out to be a successful mission!

(4) The rovers launched in the summer of 2003. (5) It took them about six months to reach Mars. (6) The rovers landed on Mars with big airbags to bounce along the surface. (7) Then, the rovers drove around Mars and tested the soil. (8) These tests have shown that Mars probably once had water. (9) NASA named the two rovers *Spirit* and *Opportunity*. (10) The rovers also sent back many pictures.

(11) These rovers were meant to work for 90 days on Mars. (12) Amazingly, *Spirit* lasted for six years, but stopped working in 2010. (13) *Opportunity* continued to work more than eight years after arriving!

(14) Another robot rover named *Curiosity* landed on Mars in the summer of 2012. (15) This rover is bigger than *Spirit* or *Opportunity*, weighs about one ton, and is the size of a car! (16) *Curiosity's* mission is to see if life could have existed on Mars. (17) This rover will use lasers and other gear to test the soil.

Due to their endurance, these two small rovers have been worth their big price tag.

The above sentence is the author's opinion. Where could this sentence be placed in the passage to support this opinion **best**?

- **A.** after sentence 2
- **B.** after sentence 16
- C. after sentence 13
- **D.** after sentence 4

Question 7.

(1) Finally, they all waved goodbye to the whale as she set out for the deeper waters.
 (2) The marine biologists all gathered around the side of the dock. (3) They watched Luna the killer whale lowered into the dark water. (4) She snorted and hissed and squeaked through her blowhole as if to say "thanks." (5) The team had nursed Luna back to health six months earlier, and now they were sending her off again. (6) It was an emotional time. (7) The head biologist Dr. Moria McTaggart leaned over and kissed Luna's snout one last time.

In the paragraph above, sentence 1 is out of order. Where would it BEST be placed?

- **A.** after sentence 2
- **B.** before sentence 4
- **C.** after sentence 7
- D. before sentence 5

Question 8.

Holly got dressed in a new outfit that she bought that summer. She combed her hair and fixed it in some pretty clips and barrettes. When she went downstairs, she found her mom had cooked a healthy breakfast. Holly woke up in the morning excited about her first day of school. After breakfast, Holly grabbed her new backpack and walked out the door. She couldn't wait to get to school and see her friends.

The sentences in the paragraph above are out of order. Which sentence should be the first sentence in the paragraph?

- A. After breakfast, Holly grabbed her new backpack and walked out the door.
- **B.** Holly woke up in the morning excited about her first day of school.
- **C.** She combed her hair and fixed it in some pretty clips and barrettes.
- D. When she went downstairs, she found her mom had cooked a healthy breakfast.

Question 9.

Traveling by Air

(1) When preparing for a trip, one of the first to decisions to make is transportation. (2) A commonly selected method is flying. (3) While this is very convenient, it is helpful to learn about the process so that your airport experience goes smoothly.

Precise Packing

(4) You can simplify your experience before you even leave home. (5) Be sure that the contents of your luggage are in accordance with the prohibited items list. (6) Things not permitted on the plane include hazardous materials, fireworks, and even bottled water.

(7) The weight of your suitcase must also be considered. (8) Most airlines charge a fee for your luggage and that fee is increased if it is really heavy. (9) Acceptable weights are listed on each airline's website.

Security

(10) Another important part to air travel is going through security. (11) There are many rules that must be followed. (12) To make your turn through the line easier, there are a few tips that might help you. (13) You must take off your shoes. (14) If you are carrying a laptop, it must be sent through separately. (15) There are also restrictions on liquids that can be carried on to the plane.

(16) Traveling can be a fantastic experience. (17) Being an informed and prepared traveler can make your trip even better.

Choose the **best** place to add the following sentence.

These rules are for the safety of all passengers.

- A. after sentence 1
- B. after sentence 11
- **C.** after sentence 8
- D. after sentence 4

Sandwiches Please

(1) Pleasing everyone's taste buds is a difficult task. (2) For this reason, V.L. Cockran Academy should sell sandwiches in addition to hot meals for lunch. (3) Students who do not bring a sack lunch must buy a meal from the cafeteria for \$3. (4) However, not all students eat these purchased meals. (5) As a result, money is wasted on cooked food that is eventually thrown in the garbage. (6) In addition, the staff's time is wasted preparing those uneaten meals. (7) Sandwiches would please both the students and the staff.

Choose the best place to add the following sentence.

In contrast, the staff would use less time and money to make cold sandwiches.

- A. after sentence 6
- **B.** after sentence 3
- **C.** after sentence 1
- D. after sentence 7



Nar	me			Date	
0	Add the suffix	"-ion" to these w	ords to form noun	15.	
	evacuate		explode		
	decorate				
			organize		
2	Write the base	word of each of	the following word	ds.	
	university	musician	critical	piracy	ignorant
3	Add an endin assist danger person	The trek up the	n to mountain was loi re and	help him into h ng, steep and _	is costume.
	rely	Bryden is a	member	of our team.	
	nerve	l always feel	when I	go to the denti	st.
4	Find and fix th	e spelling mistake	e in each sentenc	е.	28
	• The cost of	elecktrisity contin	ues to rise.		
	Many peop	ole around the wo	rld have insufishe	nt food to eat.	
	• The door w	as parshelly open			
	• The cave w	ve entered was do	ark and mystrous.		
	They predic	t a cloudy day w	ith ockasionle sho	owers.	

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Helping Hands

Nar	me			Date	
0	Add a prefix to ''dis-''.	complete the anto	nym of each wo	ord. Choose fron	ו ''un-'', ''in-'' or
	desirable	e	dependent		the the
	similar	s	sufficient		fe.
	familiar	0	comfortable		
2	Add the correc	t endings.			
		inist is in Ameri	ica on offic	business.	
	• She is accor	npanied by a perso	on assist _	and a bod	yguard.
	• His job as an	electric car	n sometimes be	danger	CAPPER
	The soldiers	remained vigil	after the first	loud explos	· Aren
	• The technic	carries a por	r t battery	pack.	KA I
3	Change these	adjectives to adver	rbs by adding ''	-ly''.	
	commercial _		persistent		
	sufficient		musical		
	desperate _		similar		
	regular		regional		
4		each word in the b	ox to complete	the sentences c	orrectly.
		-ent'' or ''-ant''.			
	persist	If you are			
	depend	Mr. Corby has a v			
	confide	Our coach is	that a	our team will wir	i the game.
	correspond	Anne Barker work	-		
	ignore	They remained	of the	e events unfoldi	ng on the peninsula.
6					
S	Spelling Chai	llenge Use the lette	ers in this word to	make new words	
		\square .			
		+	r om b	ones	
			ore five points for	each correct wo	rd.
			My score:		

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Unit 3: Are aliens real?

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?

•

0

CD/MP3/CD-R/CD-RW PLAYER 4x40WATTS

H-G-WELLS'

COLOR

GEORGE PAL·BYRON HA

PRODUCED BY

USB

MP3

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 ao!

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



24

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.

SCREEN PLAY BY A DARAMOUNT PICTURE

JICOLOR

SKI

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.

(a)

In the texts

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

introduction author	topic conclusion
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
Describe each text and explain what in	formation 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	
a Rate each text on a scale of 1 to 5 for b	elievable information, where 1 is most believable
and 5 is least believable.	
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	

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 ratio	ig the most interesting and entertaining?
With a partner, read the radio transc	ript, taking turns to read each of the parts.
First, read without using the text's punct	cuation to guide the way you read.
Second, read with the pauses and inflect	tions as shown by the punctuation.
Highlight an ellipsis () in the transe	cript. In this text, they show interrupted speech.
Why was Bob Baffle always interrupting	Gretel?
Bob Baffle has an opinion about alie	ns and UFOs. How does his language show this?
Give examples.	
Study the first sentence in The War of	of the Worlds, Chapter 1.
a Rewrite it as several sentences.	
b Does this improve the original text? E	-xplain your answer

•

Read and learn

Write definitions for these words.

a keenly:

- **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 intruders 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

I 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

background information.

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.

Write a strong title.	
Introduce the topic and	
state your point of view.	
Make at least three	
supporting points and back each one up with	
evidence.	
Summarise your point	
of view.	

Persuasive writing

L

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

must I say this?

who's counting?

to happen to you?

take me for?

rhetorical question.

- a What do you
- **b** Why would

But

- **c** Would you like that
- d How many times
 - les
- of yours?
- f What business is it someone believe that?

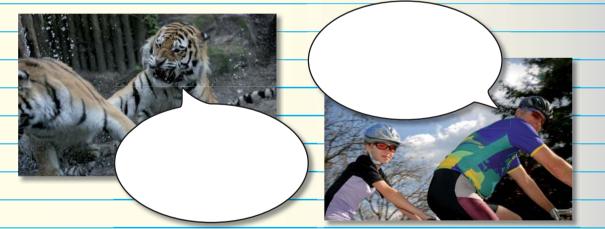
Modality shows how strongly the writer feels about a topic. High modality language uses words that show strong feeling and meaning, eg *We must study this before more people are scared. Surely this can't go on!* A writer uses high modality, low modality or a position in between. Use words from the word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

Modal verbs	must	might	should	could	will	may	ζ
Modal adverbs		rarely	only	definitely			ζ

5 Commanding language is very persuasive, eg You have to be more aware!

Give each character some commanding language.

4



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.

16

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.



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.

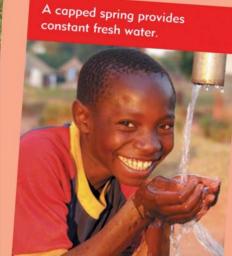
If there is a drought, there is no water to collect.

Dirty water kills

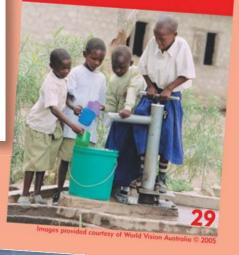
Where there is no running water, people don't have flushing toilets and sewerage systems. Human and animal waste ends up in rivers and can cause diseases. Every day about 6 000 people in the Developing World, mostly children under the age of five, get sick and die from drinking polluted water.

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.

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



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



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.

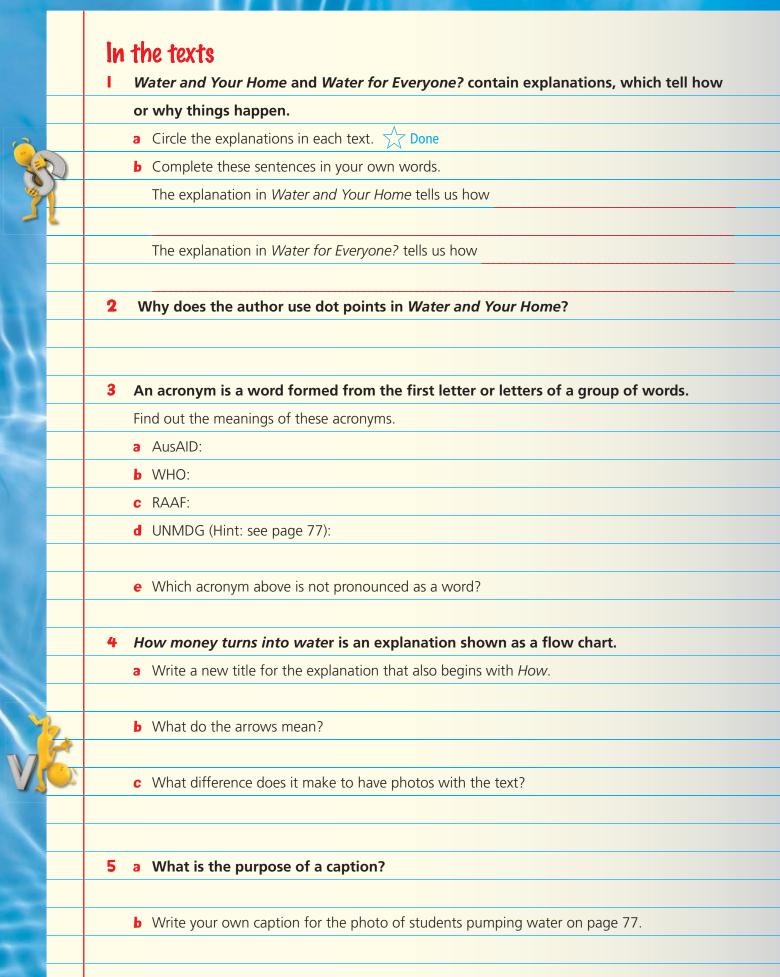




The project is reviewed.

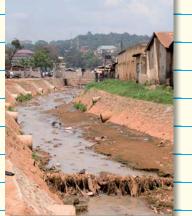
The partner organisation and the NGO check that the money was spent as planned, and that the project is a success.

28



•			d Water for Everyone? belong in	i a giossary.
	Write your own defir	nitions for the words.		
	a mains:			
	b boreholes:			
	c Developing World			
	d sanitation:			
2	List other words fro	om pages 76 and 77 that y	ou think should be included in	a glossary.
3	Spring is a homony	Mite four meanings for	:+	
3	1	m. Write four meanings for	II.	
	2			
	3			
	4			
4	Read Water and Yo	ur Home.		
	a Write numbers to	complete these sentences.		
		n in an industrialised countr	y uses about	litres of
	water. That's enou	igh to fill about eight swimn	ning pools! During the same period	l, about
		people in the D	eveloping World die from drinking	polluted water.
	b Why do you think	people wash cars using gare	den hoses?	
	c Why would water	ing the garden at cool times	of the day save water?	
5	In Water for Every	one?, what do you think w	vater is a luxury means?	
6	Circle the three mo	ost important reasons to h	ave clean water.	
	beautiful views	staying cool	cooking	
	health	water sports	growing food	

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

L

Use Water and Your Home on page 76 to explain how clean,

fresh water gets to your home.

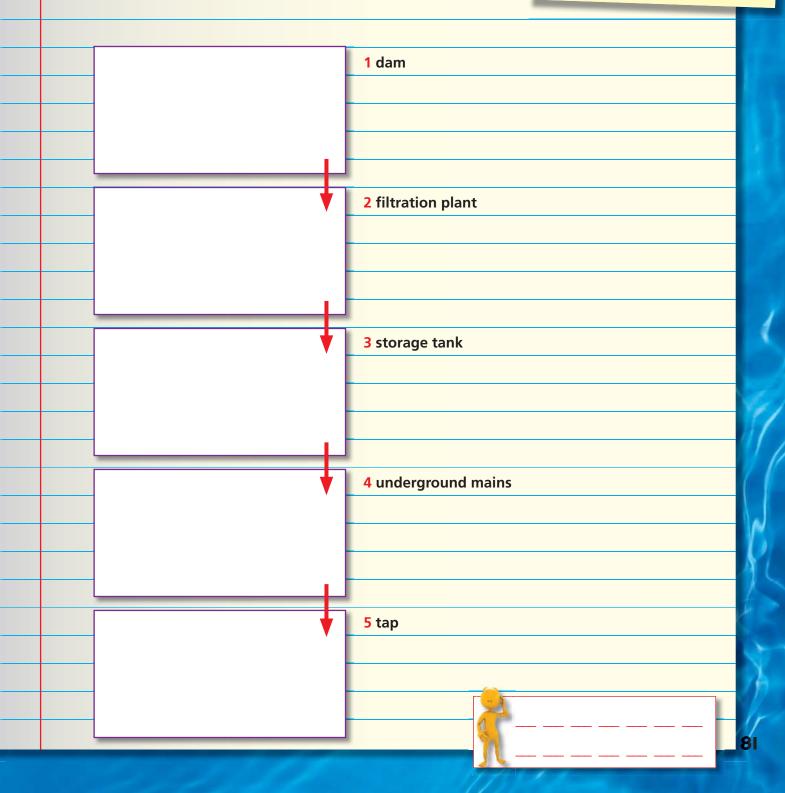
- a Draw a flow chart.
- **b** Write an introduction that tells what is being explained.
- **c** Write one or two sentences for each step of the explanation.

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

1	Ne	early every sentence contains a subject and a verb. Add verbs to	these subjects to
	bu	ild sentences. Add singular verbs to singular nouns, and plural verbs	to plural nouns.
	En	d each sentence with a full stop, question mark or exclamation mark	
		My dog slept .	
	а	Those trees	
	b	The large organisation	
	С	His pet goat	
	d	Four old men	
2	A	dd an adverb to each sentence to add meaning to the verb.	
		My dog slept soundly .	
	а	Those trees	
	b	The large organisation	
	С	His pet goat	
	d	Four old men	
3	Α	phrase is a short group of words with a preposition but without	ut a verb, eg <i>across</i>
	th	<i>e lake.</i> It can act like an adverb or adjective.	
	Ac	d words to build phrases in these sentences. Remember: no verbs!	
	а	Friends gathered at the	
	b	They respected the man <i>from</i>	
	С	After, they all left to go home.	
	d	A reporter interviewed people at	
	е	A report was published next day <i>in</i>	
4	A	dd adverbial phrases to these sentences to tell how, when, whe	ere or how much.
	а	Villagers cheered when their water supply arrived (say how)	
	b	New pumps were built (say where)	,
		so everyone had water.	
	С	(Say how long)	, the village had been
		without fresh water.	

- **d** Fresh water saved the village (say where)
 - from disaster.
- e (Say when)

5

, the children would

flowed down their chins.

was missed by his owner.

squealed and

laughed loudly.

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 clapped their hands.
 - **b** Water

d

c Mothers and fathers

- , the sun rose over the village.
- 6 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

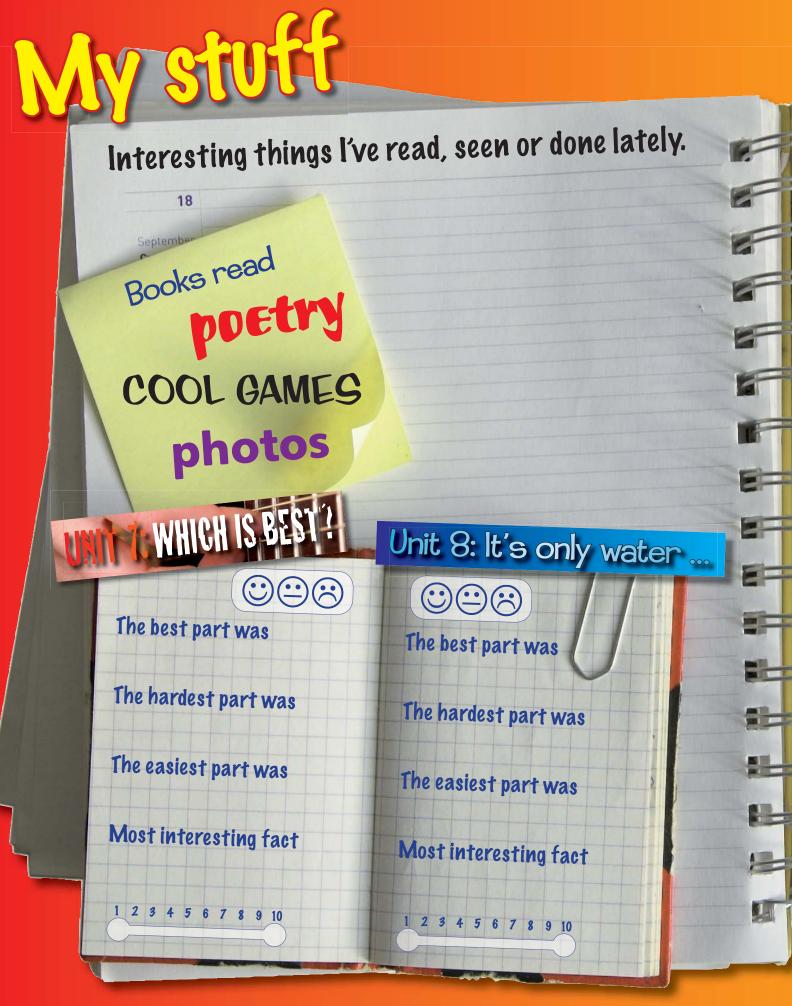
d Down the road rolled the truck

e Quick thinking by the driver

stopped the runaway truck.

f The committee,

decided to support the projects immediately.



Cut and stick pictures from magazines or newspapers.

R

P

P

3

3

13

-

-

2

19

DRAWINGS

Diary

great websites

PLAYS

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.

Winter lasts at least six months in the Siberian forests.

DID YOU KNOW?

Trees produce the oxygen we need to breathe.

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.

> Wood can be made into synthetic materials. Particle board is made from pieces of wood mixed with wax and glue. Particle board is cheaper and denser than natural wood. It is used to line ceilings and walls and to make furniture.

NOT IN OUR BACKYARD! ANTI-LOGGING RALLY

Speakers • Music • Food Sunday 25 September Green Park, Turnpike Road

Speakers • Music • Food

Saturday 24 September Green Park, Turnpike Road



	What is the main topic of the texts on pages 120 and 121?						
	Underline the most acc	Underline the most accurate answer.					
	wooden objects	different types of tre	es importa	nce of forests			
	threats to forests	uses of wood	rallies				
ł	• Use dot points to list th	Use dot points to list the issues that could be discussed on this topic, eg Can timber					
	find jobs if logging is halted?						
				٨			
2 a	Underline the senter	ice that introduces the te	opic in <i>Sustainab</i>	le Forests? 🔀 Done			
ł	What does the questio	n mark mean in the title of	f this text?				
3 a	Who do you think w	rote the SMS message o	n page 120?				
- F	What are the advantages of using mobile phones to send messages?						
-							
	ook at the posters on p	-					
	Circle the features of a	good poster.					
4 L	Circle the features of a modern design	good poster. humour	pictures	symmetry			
4 L	Circle the features of a modern design correct information	good poster.	pictures a slogan	symmetry large size			
4 L	Circle the features of a modern design	good poster. humour	·	large size			
4 L	Circle the features of a modern design correct information correct spelling	good poster. humour long words	a slogan the designer's r	large size			

	ite definitions for thes	e words.			
	rally:				
	renewable:				
	cells:				
	natural:				
	······				
	Forests cover	. The boreal forests are			
	is getting other forest region.		than		
		age to the Amazon rainforest?			
D		nge to the Amazon rainforest?			
3 Tru	e or false?				
а	The posters on page 121	promote forest logging.			
b	The same people would	go to both rallies.			
С	The rallies are at the sam	ne location.			
d	The rallies would sound	the same.			
4 On	page 121, write a pro-	logging slogan in the blank space on the post	er. 🔨 Done		
5 a	Underline the words in Sustainable Forests? that explain what sustainable logging i				
			Do		
b	What is an old-growth for	prest?			
\sim	mplete the table. pple	Role of forests in their lives	~~~~~~		
(logging worker				
	logging worker				
{					
<u>{</u> ь	native Brazilian Indians	•	•••••		
{					
}					
5		a source of timber			
S c					



7 What do conservationists believe should happen to old growth forests? Why?

8 Read Wood on page 121.

- a List the main advantages of wood as a product.
- **b** What three materials are in particle board?
- c List everything made of wood in the photo of the dining room on page 121.
- d What would your life be like without wood products?

- **9** What does pro-logging mean?
- **IO** What does the slogan "not in our backyard" mean?
- I The SMS message on page 120 doesn't use complete words.

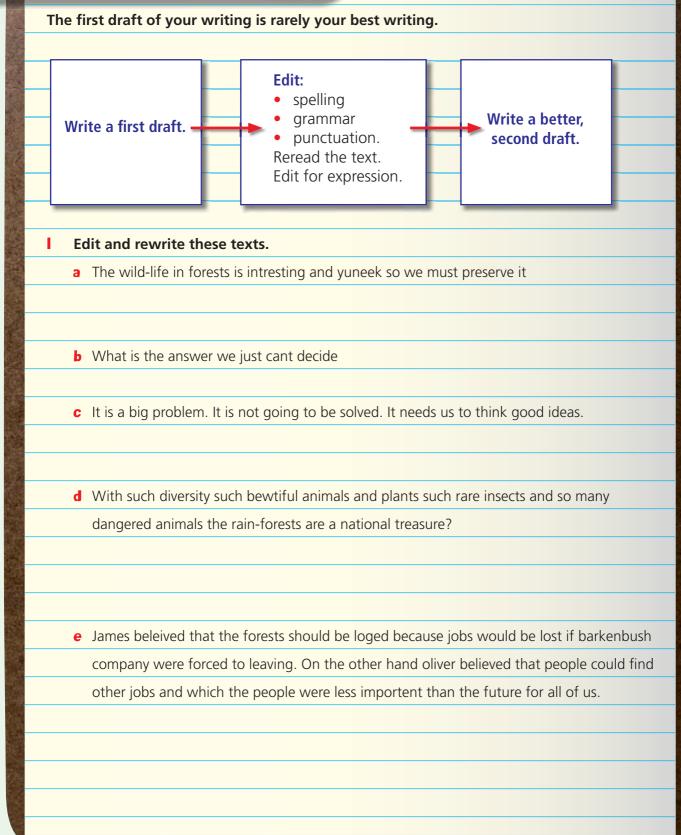
Write out the message in complete words and sentences with correct punctuation.

12 What is a boreal forest?

13 How would a "tree farm" be similar to other types of farms?

Your turn I Many discussions end with a conclusion.	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:
Write a conclusion for Sustainable Forests?	 an introduction that describes the issue
It may — but doesn't have to — support one side of the discussion.	 paragraphs with arguments for and against (each argument should have supporting evidence) words that show importance and value
2 a Brainstorm the arguments for and against logging old growth	• a conclusion that may or may
forests with classmates.	not support one side.
 b Write a discussion about the topic. 	
Can Old Growth Forests Survive?	
	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



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 woud 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.

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



Cut and stick pictures from magazines or newspapers.

56

9 10

Cool games Books read GREAT WEBSITES

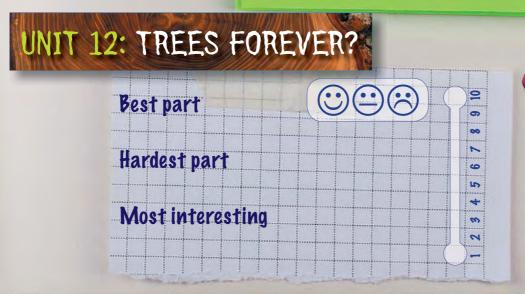
UNIT 11: REV IT UP

Best part

Hardest part

Most interesting

Diary DRAWINGS plays pOetry

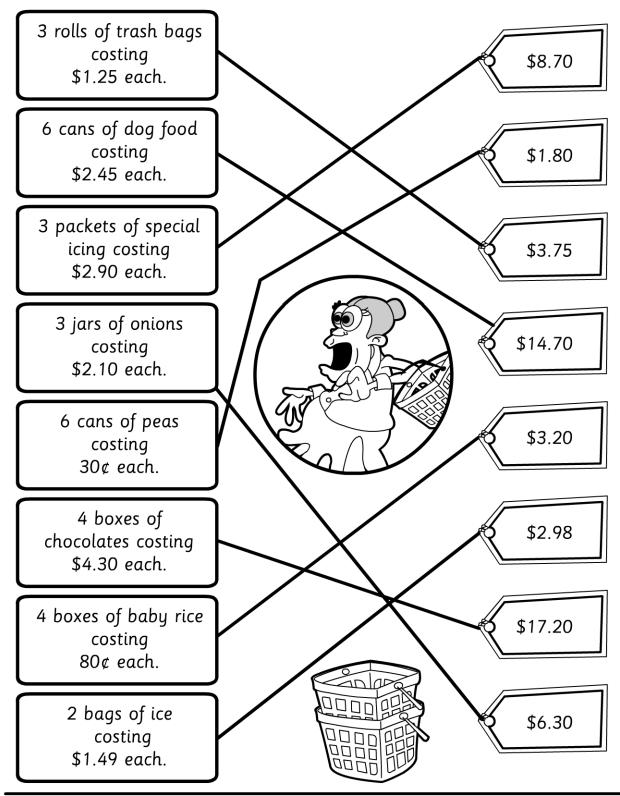








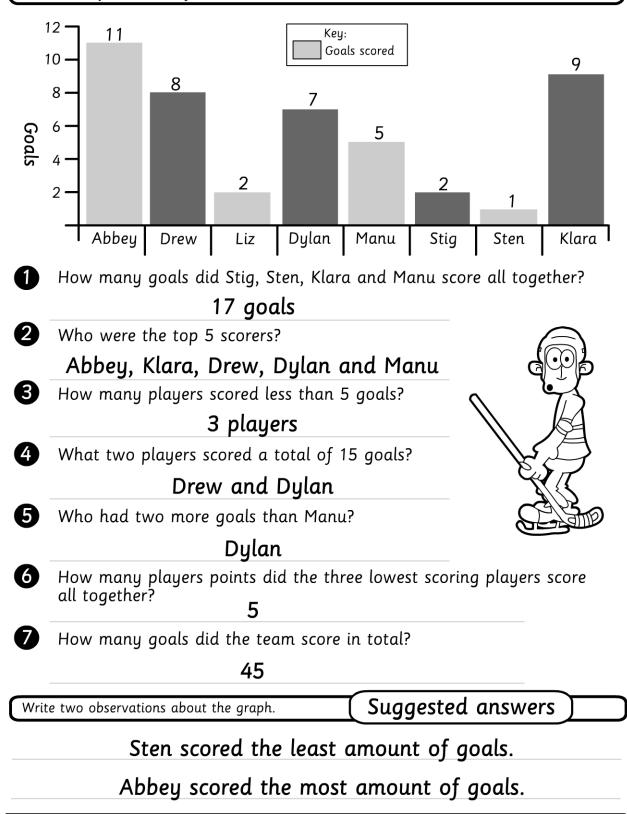
Granny loves shopping, but she needs help! She's getting so carried away with her bargains that she's not able to figure out how much she's spending. Match the correct prices to the items below.



GAB L



Look at the graph below. Answer the questions that follow.



Answers: Math - Numerical Expressions

1. A

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

Explanations: Math - Numerical Expressions

1. In the given expression, 60 is subtracted from $\left(1,325 \div \frac{1}{3}\right)$. So, the given expression is sixty less than $\left(1,325 \div \frac{1}{3}\right)$.

2. In the statement, addition is to be done first.

"Add 6 and 9." 6+9 "Then, subtract 3." 6+9-3

Therefore, the correct answer is 6 + 9 - 3.

3. In the given expression, (2,441 - 711) is being divided by 4.

Therefore, the given expression is one-fourth the value of (2,441 - 711).

4. In the given expression, 200 is being added to (28×54) .

Therefore, the given expression is 200 more than (28×54) .

5. In the given expression, (4,617 + 19.17) is multiplied by 3.

So, the given expression is three times as large as (4,617 + 19.17).

6. In the statement, subtraction is to be done first.

"Subtract 3 from 9." 9 - 3 "Then, add 4." 9 - 3 + 4

Therefore, the correct answer is 9 - 3 + 4.

7. Parentheses show which operation should be done first.

In the statement, addition is to be done first.

"Add 6 and 7."
$$(6 + 7)$$

"Then, multiply by $\frac{2}{3}$." $\frac{2}{3} \times (6 + 7)$

Therefore, the correct answer is $\frac{2}{3} \times (6 + 7)$.

8. Notice the sum (20 + 75) is consistent throughout all the expressions. Two of the expressions are being multiplied, and two of the expressions are being divided.

Dividing by a number greater than one will create a quotient less than the original number or expression. When the dividend is the same, the larger divisor has a smaller quotient.

Multiplying a number or expression by a number greater than one will create a product greater than the original number or expression. Therefore, the expressions in order from least to greatest are shown below.

$$\frac{(20 + 75)}{6} < \frac{(20 + 75)}{2} < (20 + 75) \times 3 < (20 + 75) \times 4$$

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9. In the statement, division is to be done first.

"Divide 19 by 3." 19 ÷ 3 "Then, add 4." 19 ÷ 3 + 4

Since division is always done before addition, parentheses are not needed around the division part of the expression.

Therefore, the correct answer is $19 \div 3 + 4$.

10. Parentheses show which operation should be done first.

In the statement, addition is to be done first.

Add 15,050 and 5.61. 15,050 + 5.61Then, multiply by 2. $2 \times (15,050 + 5.61)$

So, the correct answer is $2 \times (15,050 + 5.61)$.



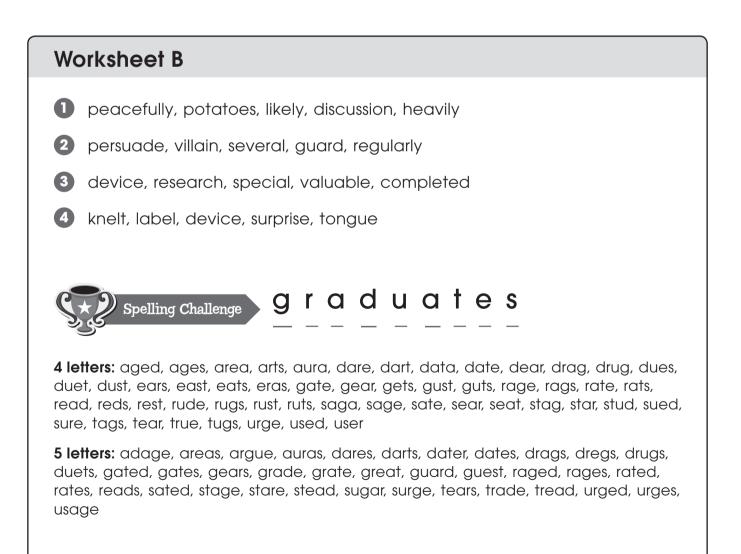
Spelling Challenge

Worksheet A



- 2 possessions, mechanic, scissors, orphan, orchestra
- 3 patiently, specially, heavily, safely, desperately
- Iikeness, Iikeable, Iikely; telephone, television, telescope; microscope, periscope, stethoscope

house, cottage, villa, castle, apartment



Answers

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



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Answers: Writing - Organizing Ideas

1. D

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

Explanations<Y tkkpi '/'Qti cpk kpi 'K gcu

- 1. This story should tell the events in the order that they happened. Sentence 11 says that Michael woke up at dawn. In the rest of the story, Michael does things that would most likely happen after someone wakes up. For example, someone cannot eat breakfast before waking up.
- 2. Paragraph 1 is the only paragraph organized in a way that makes sense. In paragraph 2, the sentence about Iginla being chosen as team captain should come before the one about him being the first black player to lead an NHL team. Paragraph 3's information about Iginla playing in the 2002 Winter Olympics should come before the information about the Canadian team winning a gold medal. In Paragraph 4, the sentences are completely out of order.
- 3. This is the logical order of the points in the opinion piece:
 - 1. In this day and age, it is usual for elementary schools to have a school garden.
 - 2. Surprisingly, our school has not yet built a school garden, and I, for one, would welcome it.
 - 3. For one thing, our garden would be a tremendous hands-on way to learn about making good soil.
 - 4. What's more, we could learn about natural ways to control pests and do something good for our environment.
- 4. The first paragraph is about how Native Americans traded goods. The sentence "Tribes living near rivers, lakes, and oceans set fish traps for meat" is about how Native American tribes living near sources of water would fish. This sentence would fit better in the second paragraph.
- 5. It is important to organize writing to make sure that passages can be read fluently. The sentence "If you pack an item not allowed, you will probably have to throw it away before proceeding past security" best fits after sentence 15.
- 6. The sentence should be added in the place that makes the most sense. Sentences 12 and 13 state that the rovers lasted much longer than they were supposed to. Therefore, the sentence "Due to their endurance, these two small rovers have been worth their big price tag" fits best after sentence 13 because sentences 12 and 13 support the author's opinion about why the rovers are worth their price tag.
- 7. If you follow the way the passage is organized, you'll see that the author tells about the freeing of the whale. The biggest clue that this sentence belongs at the end is the word "finally."
- 8. The events in this story should be written in the order that they happened. The first sentence should tell the reader the first thing that happened that morning. Waking up is the first thing to happen in the morning. All the other events of Holly's morning have to happen after she wakes up. The first sentence should be "Holly woke up in the morning excited about her first day of school."
- 9. To best organize the passage, "These rules are for the safety of all passengers" should be placed after sentence 11.
- **10.** The sentence should be added in the place that makes the most sense. The sentence "In contrast, the staff would use less time and money to prepare cold sandwiches" fits best after sentence 6 because it contrasts the information in sentences 5 and 6 about the time and money wasted on uneaten meals.

Helping Hands

Worksheet A

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

Spelling Challenge flute, saxophone, oboe, clarinet, trombone

Worksheet B

- 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