4th Math

Multiplying by Two-Digit Numbers *continued*

Name: _____

Multiplication Problems	Student Answers
13×31	*403*
18×17	*3,056*
21×15	*3,015*
12×22	*2,604*

1 How does estimating a multiplication problem help you know if an answer is reasonable?

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Division in Word Problems

Name: _____

Use a strategy of your choice to solve each problem.

1. There are 5 times as many tulips as rose bushes in a garden. There are 15 tulips. How many rose bushes are in the garden?

   There are _____ rose bushes in the garden.

2. Kelly has 2 times as many quarters as dimes. She has 18 quarters. How many dimes does she have?

   Kelly has _____ dimes.

3. There are 18 blueberries in a bowl. There are 3 times as many blueberries as strawberries in the bowl. How many strawberries are in the bowl?

   There are _____ strawberries in the bowl.

4. Amanda swims for 16 minutes. This is 4 times as many minutes as Julio swims. How many minutes does Julio swim?

   Julio swims _____ minutes.

5. A tile pattern has 6 times as many white squares as gray squares. There are 48 white tiles in the pattern. How many gray tiles are there?

   There are _____ gray tiles in the pattern.

6. Leah has 3 times as many country songs as she has pop songs on her MP3 player. She has 27 country songs. How many pop songs does Leah have?

   Leah has _____ pop songs.

7. Erik sees 42 stars in the sky on Tuesday night. This is 7 times as many stars as he sees on Monday night. How many stars does Erik see on Monday night?

   Erik sees _____ stars on Monday night.

8. Lucas spends 72 minutes cleaning his room. This is 8 times as long as it takes him to wash the dishes. How long does it take Lucas to wash the dishes?

   It takes Lucas _____ minutes to wash the dishes.

9. Write and solve a word problem for this equation: $6 \times n = 54$

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Dividing with Arrays and Area Models

Name: _____

The answers to problems 1–12 are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1. 606 ÷ 2 = _____
2. 606 ÷ 3 = _____
3. 903 ÷ 3 = _____
4. 408 ÷ 8 = _____
5. 243 ÷ 3 = _____
6. 721 ÷ 7 = _____
7. 545 ÷ 5 = _____
8. 488 ÷ 8 = _____
9. 816 ÷ 4 = _____
10. 728 ÷ 8 = _____
11. 459 ÷ 9 = _____
12. 366 ÷ 6 = _____

13. What strategies did you use to solve the problems?

14. Explain how to use multiplication to check your answer to problem 10.

Answers

91	303	61	202	204	109
81	51	301	103	51	61

Dividing with Estimation and Area Models

Name: _____

Check the student's answer by multiplying the quotient by the divisor and adding the remainder. If an answer is incorrect, cross out the answer and write the correct quotient, including the remainder.

Division Problems	Student Answers	
637 ÷ 4	~~149 R 1~~ 159 R 1	Check: 149 × 4 = 596 596 + 1 = 597
139 ÷ 2	*69 R 1*	
188 ÷ 5	*38 R 2*	
344 ÷ 6	*57 R 3*	
458 ÷ 9	*58 R 8*	
222 ÷ 7	*31 R 5*	
692 ÷ 8	*85 R 4*	
479 ÷ 3	*169 R 2*	