Name * Due Wednesday! *

Estimating Quotients

* Estimate each quotient. Write the numbers you used.

Example: **1.** 273 ÷ 3 = 270 ÷ 3

90

Example: **2.** 77 ÷ 4 = 80 ÷ 4

20

3. 291 ÷ 7

4. 59 ÷ 6

5. 122 ÷ 3

6. 439 ÷ 5

7. 328 ÷ 4

8. 2,350 ÷ 8

9. 7,000 ÷ 9

10. Math Reasoning A store has a total of 231 golf balls. There are 3 golf balls in a package. About how many packages of golf balls are there?

11. Angelina has 125 peonies in her flower shop. About how many bouquets of 6 peonies can she make?

Test Prep Circle the correct letter for each answer.

12. Which expression would give the best estimate for 46 ÷ 5?

A 50 ÷ 5 **B** 45 ÷ 5 **C** 35 ÷ 5 **D** 30 ÷ 5

13. Which expression would give the best estimate for 87 ÷ 9?

F 54 ÷ 9 **G** 63 ÷ 9 **H** 81 ÷ 9 **J** 90 ÷ 9

Word Problem Practice (Due Thursday)

2 sides! → Front and Back!! ☺

Read: ② A box of cereal costs $6. That is 3 times as much as a container of milk costs. How much does a container of milk cost?

Plan: Write an equation! _____

Solve:

Check:

Read: ③ A newspaper costs $2. A book costs 9 times as much as a newspaper. How much does the book cost?

Plan: Write an equation! _____

Solve:

Check:

Read: ④ Denzel's cat weighs 9 pounds. Maria's dog weighs 45 pounds. How many times heavier is Maria's dog than Denzel's cat?

Plan: Write an equation! _____

Solve:

Check:

Name _____ Date _____

Problem Solving 4.8

Division With Remainders

Due Thursday!

Solve. **Show your work.**

1. Mr. Alvarez has 52 DVDs. If he divides them evenly into 5 cases, how many DVDs will be in each case? Will there be any left over? If so, how many?

_____

2. A video store employee is packing videos. The 65 videos were evenly divided into 8 boxes. How many videos did the employee put into each box? Were there any left over? If so, how many?

_____

3. Marcie has 46 videos to display evenly on 6 shelves. If any videos are left over, she will place them on the front counter. How many videos will she place on the front counter?

_____

4. Jason has 17 movie posters. He gave each of his 5 friends the same number of posters. He kept the remaining posters for himself. How many posters did he keep for himself?

_____

5. The video store has 75 balloons to hang around the store. If the balloons are separated into bunches of 6 balloons each, how many bunches will there be? How many balloons will be left over?

_____

Due Friday!

Name * Complete circled problems only! ☺

Dividing Multidigit Numbers

(1) $6\overline{)832}$ (2) $999 \div 5$ (3) $3{,}846 \div 7$ **4.** $4\overline{)57{,}712}$

(5) $4{,}566 \div 4$ **6.** $8\overline{)22{,}619}$ **7.** $47{,}016 \div 9$ **8.** $3\overline{)89{,}698}$

Rule: Divide by 4.

	Input	Output
9.	96	
(10.)	268	
(11.)	2,092	

Rule: Divide by 7.

	Input	Output
12.	84	
(13.)	616	
(14.)	3,157	

Rule: Divide by 3.

	Input	Output
(15.)	39	
(16.)	2,784	
17.	13,569	

(18.) Suppose you have 136 bagels. You want to put 6 bagels in each bag. Will you have more or fewer than 20 bags with exactly 6 bagels? Explain.

(19.) **Algebra** Solve: $3n = 426$ * hint: divide $426 \div 3$

20. Algebra Solve: $5x = 22{,}120$

Test Prep Circle the correct letter for each answer.

(21.) In the problem $982 \div 5$, which number **cannot** be the remainder?

A 3 **B** 4 **C** 5 **D** 6

(22.) The 5 families in the neighborhood bought new playground equipment for $4,625. How much did each family pay for the equipment?

F $225 **G** $500 **H** $925 **J** $1,200

Missing Numbers in Equations

Due Friday!

Directions: Solve each equation. The first two have been done for you.

1. $k - 4 = 2$; $k = 6$
2. $25 \div r = 5$; $r = 5$
3. $t \times 9 = 54$; $t =$ ____
4. $p \div 7 = 3$; $p =$ ____
5. $b \div 5 = 6$; $b =$ ____
6. $y + 6 = 12$; $y =$ ____
7. $d - 4 = 4$; $d =$ ____
8. $z \times 2 = 18$; $z =$ ____
9. $e \times 9 = 36$; $e =$ ____
10. $t \div 8 = 2$; $t =$ ____
11. $a - 2 = 1$; $a =$ ____
12. $25 \div g = 5$; $g =$ ____
13. $f + 1 = 6$; $f =$ ____
14. $r \div 5 = 2$; $r =$ ____
15. $f + 2 = 9$; $f =$ ____
16. $9 + g = 14$; $g =$ ____
17. $p + 9 = 13$; $p =$ ____
18. $15 \div q = 3$; $q =$ ____
19. $x + 2 = 3$; $x =$ ____
20. $\triangle \div 7 = 4$; $\triangle =$ ____
21. $\square \times 2 = 4$; $\square =$ ____
22. $25 \div \triangle = 5$; $\triangle =$ ____
23. $\square \times 9 = 72$; $\square =$ ____
24. $12 - \bigstar = 3$; $\bigstar =$ ____
25. $\triangle \times 4 = 24$; $\triangle =$ ____
26. $2 + \square = 5$; $\square =$ ____
27. ☺ $\times 3 = 18$; ☺ = ____
28. ☺ $\div 6 = 6$; ☺ = ____
29. $13 - \square = 4$; $\square =$ ____
30. $\triangle + 7 = 8$; $\triangle =$ ____
31. $\square \times 6 = 54$; $\square =$ ____