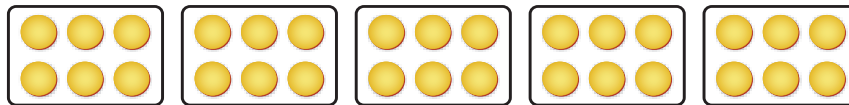# MY Homework

Lesson 5

Divide by 5

Homework Helper

eHelp

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Rudy spent $30 for 5 car models. Each model costs the same amount. How much did each car model cost?

Find $30 ÷ 5, or $5)\overline{\$30}$.

One Way Use counters and partition.

Partition 30 counters equally among 5 groups until there are none left.

There are 5 equal groups of 6.

Another Way Use repeated subtraction.

Subtract 5 until you get to 0. Count the number of times you subtracted.

①	②	③	④	⑤	⑥
30	25	20	15	10	5
− 5	− 5	− 5	− 5	− 5	− 5
25	20	15	10	5	0

Groups of 5 were subtracted 6 times.

Since $30 ÷ 5 = $6, each model cost $6.

Practice

Partition to find the number of equal groups or how many are in each group.

1. 45 counters

5 equal groups

_____ in each group

2. 5 counters

_____ equal groups

1 in each group

3. 20 counters

5 equal groups

_____ in each group

4. 50 counters

_____ equal groups

5 in each group

5. Algebra Draw an array and use the inverse operation to find the unknown.

■ × 5 = 15

? ÷ 3 = 5

■ = _____

? = _____

Real World **Problem Solving**

Write a division sentence with a symbol for the unknown for Exercises 6 and 7. Then solve.

6. Antonio scored 40 points on his math test. There were 5 questions on the test, and each was worth the same number of points. How many points did Antonio score for each question?

_____

7. Lunch costs $5. Marcus has $35. How many days can he buy lunch?

_____

8. Mathematical **PRACTICE** ➡4 **Model Math** Today 25 girls and 20 boys rode their bikes to school. Each bike rack at school holds 5 bikes. How many bike racks were filled?

_____

Test Practice

9. Which number sentence represents this repeated subtraction exercise?

$$\begin{array}{cccc} 20 & 15 & 10 & 5 \\ -\ 5 & -\ 5 & -\ 5 & -\ 5 \\ \hline 15 & 10 & 5 & 0 \end{array}$$

Ⓐ 20 ÷ 5 = 4

Ⓒ 20 − 20 = 0

Ⓑ 20 ÷ 2 = 10

Ⓓ 20 − 10 = 10

My Work!