



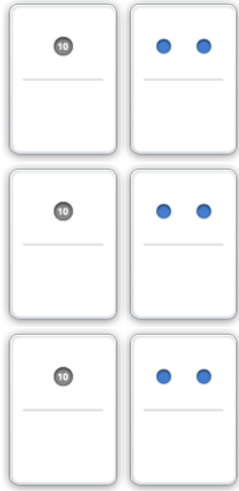
Student: _____

Symphony EXTENSIONS

Date: _____

15 | Multiply & Divide to 100

1. Circle the expression that shows the model:



a. $1 \times 10 \times 2$

b. 3×12

c. $1 \times 12 + 3$

ANSWER KEY

2. Fill in the missing numbers to make each number sentence true:

a. $11 \times \underline{5} = 55$

d. $55 \div \underline{5} = 11$

b. $\underline{9} \times 7 = 63$

e. $63 \div \underline{9} = 7$

c. $48 = \underline{8} \times 6$

f. $6 = \underline{48} \div 8$

3. Circle all number sentences below that are TRUE:

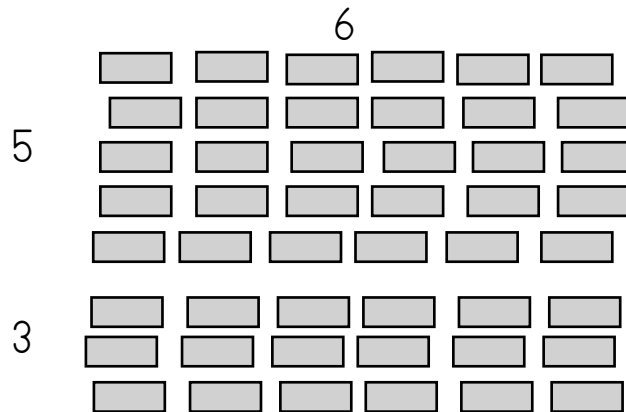
$15 \times 9 = 10 \times 9 + 5 \times 9$

$48 \times 3 = 48 \times 3 + 48 \times 3 + 48 \times 3$

$26 \times 4 = 26 \times 2 + 26 \times 2$

$17 \times 6 = 23 + 6$

4. Complete the number expressions for this model, and then solve:



$$6 \times \underline{8} = 6 \times \underline{5} + 6 \times \underline{3} = \underline{30} + \underline{18} = \underline{48}$$

5. A zoo keeper bought a crate of 72 oranges to give the animals. There are 9 animals that eat oranges. How many oranges will each animal get?

What is the whole? 72

What is the number of parts? 9

What is the size of each part? 8

Write an equation for this story problem: $9 \times 8 = 72$

6. With 36 inches of cloth I can make 3 identical scarves.

How many inches long is each scarf?

Draw a model diagram to show the story here:



$$36 \div 3 = 12$$

Solve the problem: Each scarf is 12 inches long.