

Unit 2 Post-Assessment

- 1** The clownfish is 20 centimeters long. The sea grass is 4 times as tall as the clownfish's length. Which equation would you use to find out how tall the sea grass is? (The letter h stands for the height of the sea grass.)

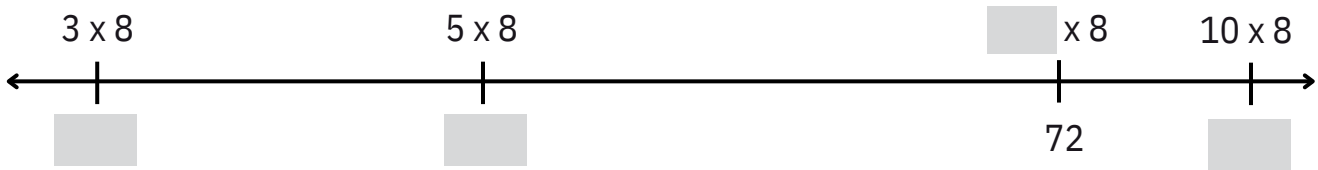
a $4 \times h = 20$

b $20 - h = 4$

c $4 + 20 = h$

d $4 \times 20 = h$

- 2** Fill in the boxes on the number line.



- 3** Circle whether the statement is true or false.

a $3 \times 7 = 4 \times 6$ true or false

b $3 \times 5 = 5 \times 3$ true or false

c $6 \times 4 = (5 \times 4) + (1 \times 4)$ true or false

d $12 - 6 = 6 - 12$ true or false

- 4** Multiply.

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times \square \\ \hline 20 \end{array}$$

$3 \times 8 = \underline{\quad\quad}$

$4 \times 9 = \underline{\quad\quad}$

$\underline{\quad\quad} \times 2 = 12$

$16 = \underline{\quad\quad} \times 2$

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5 How much does this sheet of stamps cost?



6 There are 5 dog collars for \$4 each.

a How much do all 5 collars cost together? Show your thinking in words, sketches, or numbers.



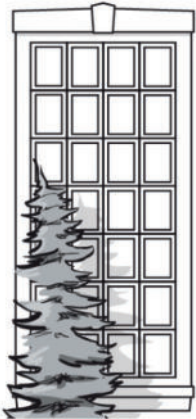
b Write a multiplication equation for this problem.

7 Tory got mud on his homework. How many total stars are there? How do you know? Explain your thinking.

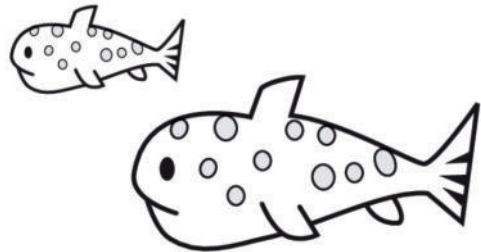


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- 8 How many windowpanes are in this window? How do you know? Explain your thinking using numbers, sketches, or words.



- 9 If the small fish is 6 inches long, about how long is the large fish? How do you know? Explain your thinking.



- 10 Jared says, “I found 4×6 is 24 because I doubled from $2 \times 6 = 12$.” Do you agree with Jared? Why or why not?

- 11 Explain how you can use 2×7 to find 4×7 .

- 12 Fill in the missing number of zebras and legs in the table.

number of zebra	1		4		9
number of legs	4	8		24	

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Optional Challenge Questions:

13 Fill in the blanks.

a $8 \times 2 = \underline{\quad\quad} \times 4$

b $9 \times 5 = 5 \times \underline{\quad\quad}$

14 Three bags of cat food cost a total of \$15.

a How much does each bag cost? Show your thinking in words, sketches, or numbers.

b Write a division equation for this problem.

