Unit 2 Pre-Assessment

1 The coral is 20 centimeters long. The stingray is 5 times as long as the coral. Which equation would you use to find out how long the stingray is? (The letter *l* stands for the length of the stingray.)
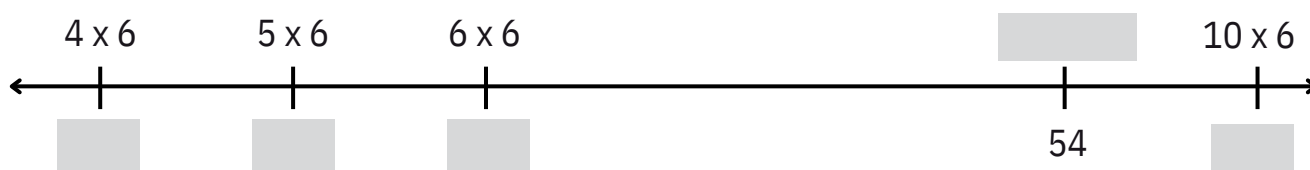
    a $20 + 5 = l$ **b** $20 - 5 = l$ **c** $20 \times 5 = l$ **d** $20 \times l = 5$

2 Fill in the boxes on the number line.

4 x 6	5 x 6	6 x 6			10 x 6
☐	☐	☐		54	☐

3 Circle to show whether the statement is true or false.

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

    b $3 + 5 = 5 + 3$ true or false

    c $10 - 5 = 5 - 10$ true or false

    d $2 \times 6 = 4 \times 3$ true or false

4 Multiply.

2	4	3	4	6	2
x 6	x 5	x 10	x 6	x 10	x ☐
☐	☐	☐	☐	☐	10

$2 \times 5 =$ _____ $9 \times 2 =$ _____   _____ $\times 2 = 6$ $14 =$ _____ $\times 2$

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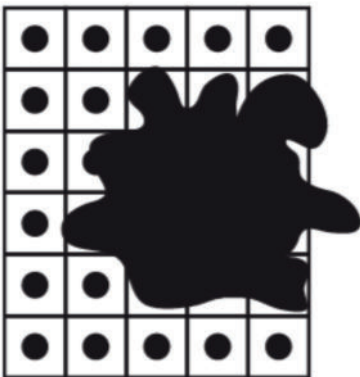**5** How much does this sheet of stamps cost?

6 There are 4 cans of dog food for $3 each.

a How much do all 4 cans cost together? Show your thinking in words, sketches, or numbers.
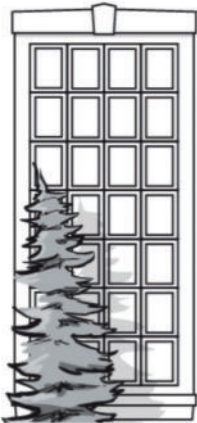

b Write a multiplication equation for this problem.

7 Ralph spilled ketchup on his homework. How many total dots are there? How do you know? Explain your thinking.
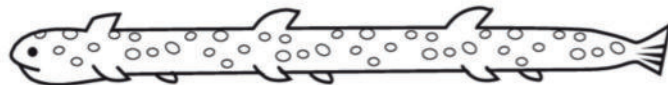
8 How many windowpanes are in this window? How do you know? Explain your thinking using numbers, sketches, or words.

9 If the small fish is 4 centimeters long, about how long is the large fish? How do you know? Explain.

10 Jose says, "I found 4 x 6 is 12 because I doubled from 2 x 3 = 6." Do you agree with Jose? Why or why not?

11 Explain how you can use 2 x 8 to find 4 x 8.

12 Fill in the missing number of cars and tires in the table.

Cars	1	2		6	
Tires	4		16		28

Optional Challenge Questions:

13 Fill in the blanks.

a 4 x 5 = _____ x 4

b 2 x 8 = 4 x _____

14 Three cat collars cost a total of $9.

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

b Write a division equation for this problem.