Unit 2 Module 4 Session 4

Assessment- Unit 2 Post-Assessment

Getting Ready-

- ™ T2-T5 Unit 2 Post-Assessment
- Scratch Paper

- Interpret products of whole numbers
- Solve multiplication story problems with products to 100 involving situations of equal groups, arrays, and measurement quantities
- Model story problems involving multiplication within 100 by writing expressions and equations with a symbol for the unknown number
- Use and explain doubling, doubling and halving, and using partial products) to demonstrate an understanding of multiplication
- Solve for the unknown in a multiplication equation involving 3 whole numbers
- Fluently multiply with products to 100 using strategies
- Identify patterns among basic multiplication facts

PASS OUT UNIT 2 ASSESSMENT

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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.)

- ○ $4 \times h = 20$
- ○ $20 - h = 4$
- ○ $4 + 20 = h$
- ○ $4 \times 20 = h$

2 Fill in the blank and 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 Fill in the blanks.

a $8 \times 2 = \_\_\_\_\_ \times 4$

b $9 \times 5 = 5 \times \_\_\_\_\_$

5 Multiply.

7	5	10	4	6	4
× 3	× 6	× 5	× 10	× 4	× ☐
☐	☐	☐	☐	☐	20

$3 \times 8 = \_\_\_\_\_$ $4 \times 9 = \_\_\_\_\_$ $\_\_\_\_\_ \times 2 = 12$ $16 = \_\_\_\_\_ \times 2$

6 How much does this sheet of stamps cost?

7 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.

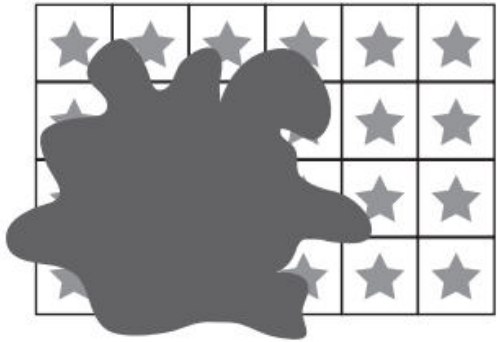
8 Three bags of cat food cost a total of $15.00.

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

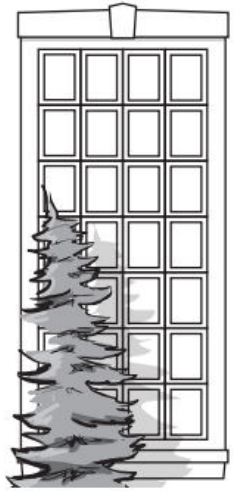
b Write a division equation for this problem.

(continued on next page)

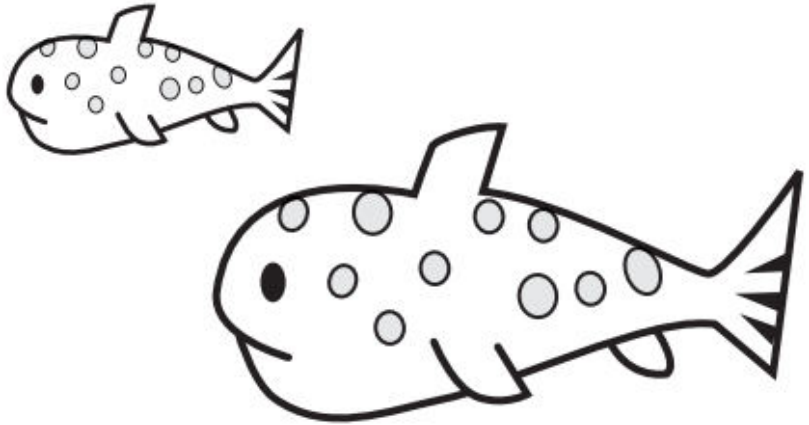
9 Tory got mud on his homework. How many total stars are there? How do you know? Explain your thinking.



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



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



12 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?

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

14 Fill in the missing numbers of zebras and legs on this table.

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

TAKE YOUR TIME AND GOOD LUCK

Work Places

1G Target One Hundred

1H Anything But Five

2A Loops and Groups

2B Frog Jump Multiplication

2C Cover Up

2D Doubles Help

Daily Practice

SB 74 On Your Own