Name

LESSON 10.2
More Practice/ Homework

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Identify Factors

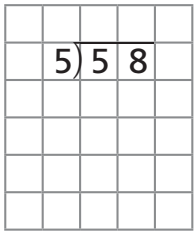
1 MP **Use Tools** There are 29 desks in a classroom. Can all the desks be placed in 3 equal rows?

- Use square tiles to represent the problem. Then draw the array to show your work.

- Can all the desks be placed in 3 equal rows? Use factors or divisibility to explain.

2 Use division to answer and explain.

Is 5 a factor of 58?



3 Use divisibility rules to answer and explain.

Is 3 a factor of 75?

4 **Math on the Spot** Dirk bought a set of stamps. The number of stamps in the set he bought is divisible by 2, 3, 5, 6, and 9. Which set is it?

Stamps Sets	
Country	**Number of stamps**
Germany	90
Sweden	78
Japan	63
Canada	25

Test Prep

5 Which number has 4 as a factor?

Ⓐ 14
Ⓑ 22
Ⓒ 34
Ⓓ 48

6 Complete the table to show whether each number is divisible by 6 or 8, both 6 and 8, or neither.

Number	Divisible by 6	Divisible by 8
24	☐	☐
32	☐	☐
44	☐	☐
78	☐	☐

7 Which numbers are factors of 84? Select all the correct answers.

Ⓐ 1
Ⓑ 2
Ⓒ 3
Ⓓ 4
Ⓔ 6
Ⓕ 8

8 Tess washes grapes and puts all of them in 3 bags. She puts an equal number of grapes in each bag. Which could be the number of grapes that Tess washes?

Ⓐ 32
Ⓑ 45
Ⓒ 49
Ⓓ 53

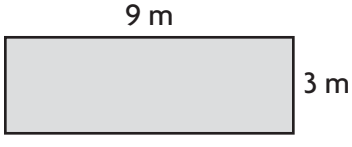
Spiral Review

9 Choose a method. Then find the product.

$17 \times 40 =$ _____

$60 \times 34 =$ _____

10 Find the area.



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