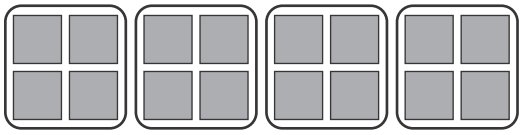
Name _____

Topic **1**
Assessment

1. Bri drew a picture. Which multiplication expression represents the total number of small squares?



Ⓐ 4×3

Ⓑ 4×1

Ⓒ 4×2

Ⓓ 4×4

2. Aaron has 3 books on each of 3 shelves.

A. Write an equation that represents how many books Aaron has in all.

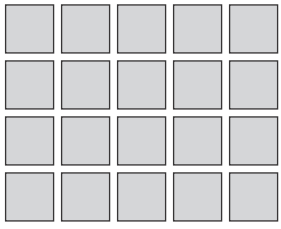
B. How many books does Aaron have in all?

_____ books

3. Noah's watering can holds enough water for watering 2 plants. How many plants can Noah water if he fills his watering can 4 times?

_____ plants

4. Fred organized his coin collection in this array. What is the multiplication equation for the array? Draw a different array that has the same factors.



5. Daniel kicked five 3-point field goals in his football game. Which multiplication equation represents the number of points that Daniel scored?

Ⓐ $5 \times 3 = 15$

Ⓑ $5 \times 1 = 5$

Ⓒ $3 \times 3 = 9$

Ⓓ $5 \times 5 = 25$

6. Frances has 3 boxes of books with 6 books in each box. Write an expression that represents the total number of books. Find the total number of books.

7. Zander has 15 basketballs. He separates them equally onto 3 different racks.

A. Write a division equation that shows the number of basketballs on each rack.

B. How many basketballs are on each rack?

☐ basketballs

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8. Mikael gave 2 pencils each to 6 of his friends. Which equation represents the number of pencils Mikael gave away?

Ⓐ $2 \times 1 = 2$

Ⓑ $6 \times 1 = 6$

Ⓒ $6 \times 2 = 12$

Ⓓ $2 \times 2 = 4$

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9. Taylor needs to put 8 hats in each box. She has 64 hats. Write and solve an equation that shows how many boxes Taylor can fill.

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10. There are 24 students in a class. The teacher puts them into 6 equal groups. How many students are in each group?

☐ students

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11. Rosa picks 24 apples to share with her teachers. She wants to give 4 apples to each of her teachers. How many teachers can Rosa give apples to?

Explain how Rosa can figure out how many teachers she can give apples to.

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12. Which of the following contexts does the expression $12 \div 3$ represent?

Ⓐ 12 books arranged equally on 3 shelves

Ⓑ 12 books arranged equally on 12 shelves

Ⓒ 3 books arranged equally on 12 shelves

Ⓓ 3 books arranged equally on 3 shelves