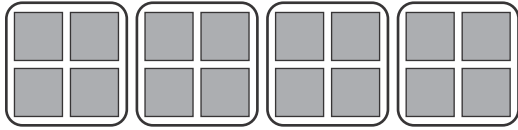


Name _____

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



- (A) 4×3
- (B) 4×1
- (C) 4×2
- (D) 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. **1 point**

$$3 \times 3 = 9$$

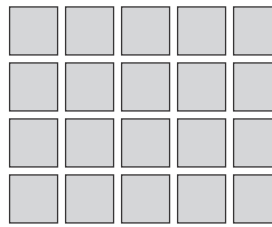
- B. How many books does Aaron have in all? **1 point**

9 books

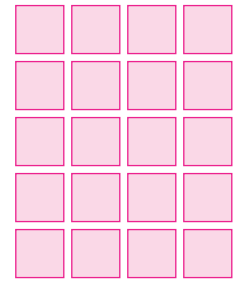
3. Noah's watering can holds enough water for watering 2 plants. How many plants can Noah water if he fills his watering can 4 times? **1 point**

8 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. **2 points**



$$4 \times 5 = 20$$



5. Daniel kicked five 3-point field goals in his football game. Which multiplication equation represents the number of points that Daniel scored? **1 point**

- (A) $5 \times 3 = 15$
- (B) $5 \times 1 = 5$
- (C) $3 \times 3 = 9$
- (D) $5 \times 5 = 25$

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. **2 points**

$$3 \times 6$$

18 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. **1 point**

$$15 \div 3 = 5$$

- B. How many basketballs are on each rack? **1 point**

5 basketballs

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

- A $2 \times 1 = 2$
- B $6 \times 1 = 6$
- C $6 \times 2 = 12$
- D $2 \times 2 = 4$

1 point

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. **2 points**

$$64 \div 8 = 8$$

8 boxes

10. There are 24 students in a class. The teacher puts them into 6 equal groups. How many students are in each group? **1 point**

4 students

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. **2 points**

Sample answer: I can solve using division. $24 \div 4 = 6$. Rosa can give apples to 6 teachers.

12. Which of the following contexts does the expression $12 \div 3$ represent? **1 point**
- A 12 books arranged equally on 3 shelves
- B 12 books arranged equally on 12 shelves
- C 3 books arranged equally on 12 shelves
- D 3 books arranged equally on 3 shelves