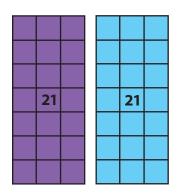
Practice with the Associative Property of Multiplication

Directions: For each problem below, circle the equation that represents the model.



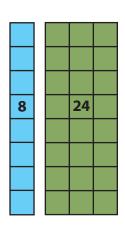
1. Which is the same as 6 x 7?

(a.)
$$(3 \times 7) + (3 \times 7)$$

b.
$$(5 \times 7) + (7 \times 7)$$

c.
$$(3+7) \times (3+7)$$

d.
$$6 + (6 \times 7)$$



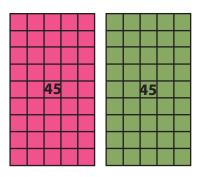
3. Which is the same as 4 x 8?

a.
$$(2 \times 8) + (1 \times 8)$$

(b.)
$$(1 \times 8) + (3 \times 8)$$

c.
$$(2+8) \times (2+8)$$

d.
$$4 + (4 \times 8)$$



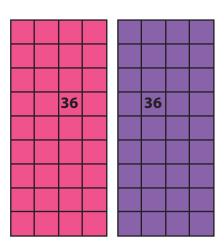
2. Which is the same as 10 x 9?

(a.)
$$(5 \times 9) + (5 \times 9)$$

b.
$$(11 \times 9) + (9 \times 9)$$

c.
$$(5+9) \times (5+9)$$

d.
$$10 + (10 \times 9)$$



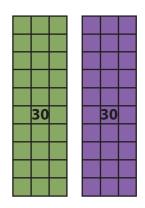
4. Which is the same as 8 x 9?

(a.)
$$(4 \times 9) + (4 \times 9)$$

b.
$$(7 \times 9) + (9 \times 9)$$

c.
$$(4+9) \times (4+9)$$

d.
$$8 + (8 \times 9)$$



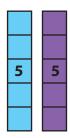
5. Which is the same as 6 x 10?

$$(a.)$$
 (3 x 10) + (3 x 10)

b.
$$(5 \times 10) + (7 \times 10)$$

c.
$$(3 + 10) \times (3 + 10)$$

d.
$$6 + (6 \times 10)$$



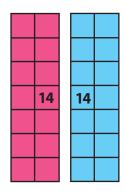
7. Which is the same as 2 x 5?

(a.)
$$(1 \times 5) + (1 \times 5)$$

b.
$$(1 \times 5) + (3 \times 5)$$

c.
$$(1+5) \times (1+5)$$

d.
$$2 + (2 \times 5)$$



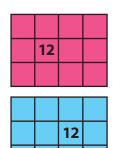
9. Which is the same as 4 x 7?

(a.)
$$(2 \times 7) + (2 \times 7)$$

b.
$$(3 \times 7) + (5 \times 7)$$

c.
$$(4+7) \times (4+7)$$

d.
$$4 + (4 \times 7)$$



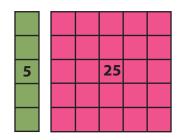
6. Which is the same as 8 x 3?

(a.)
$$(4 \times 3) + (4 \times 3)$$

b.
$$(7 \times 3) + (9 \times 3)$$

c.
$$(4+3) \times (4+3)$$

d.
$$8 + (8 \times 3)$$



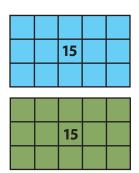
8. Which is the same as 6 x 5?

a.
$$(3 \times 5) + (4 \times 5)$$

b.
$$(5 \times 5) + (7 \times 5)$$

c.
$$(3+5) \times (3+5)$$

(d.)
$$5 + (5 \times 5)$$



10. Which is the same as **10 x 3**?

a.
$$(5 \times 3) + (5 \times 3)$$

b.
$$(9 \times 3) + (11 \times 3)$$

c.
$$(10 + 3) \times (10 + 3)$$

d.
$$10 + (10 \times 3)$$