Name _____   Date _____

1. Use the array to complete the equation.

a. 3 × 16 = _____

b. (3 × _____) × 8

= _____ × _____

= _____

c. 4 × 18 = _____

d. (4 × _____) × 9

= _____ × _____

= _____

EUREKA
MATH™
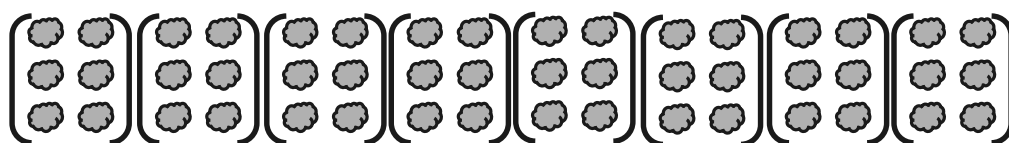
2. Place parentheses in the equations to simplify and solve.

$12 \times 4 = (6 \times 2) \times 4$

$\qquad = 6 \times (2 \times 4)$ $=$ ___**48**___

$\qquad = 6 \times$ _**8**_

a. $3 \times 14 = 3 \times (2 \times 7)$

$\qquad = 3 \times 2 \times 7$ $=$ _____

$\qquad =$ _____ $\times 7$

b. $3 \times 12 = 3 \times (3 \times 4)$

$\qquad = 3 \times 3 \times 4$ $=$ _____

$\qquad =$ _____ $\times 4$

3. Solve. Then, match the related facts.

a. $20 \times 2 =$ ___**40**___ $=$

b. $30 \times 2 =$ _____ $=$

c. $35 \times 2 =$ _____ $=$

d. $40 \times 2 =$ _____ $=$

$6 \times (5 \times 2)$

$8 \times (5 \times 2)$

$4 \times (5 \times 2)$

$7 \times (5 \times 2)$