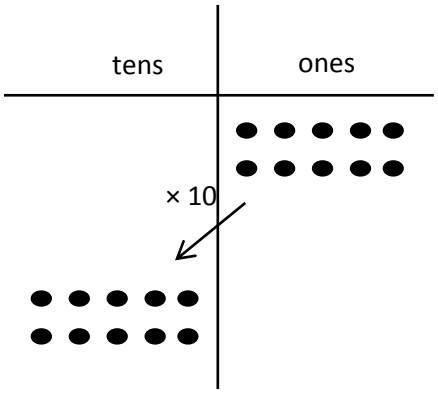
Name _____ Date _____

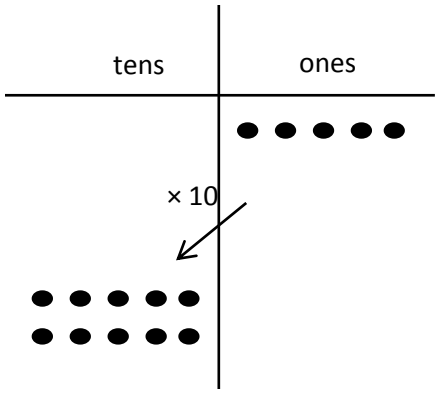
1. Use the chart to complete the equations. Then solve.



a. (2 × 5) × 10

= (10 ones) × 10

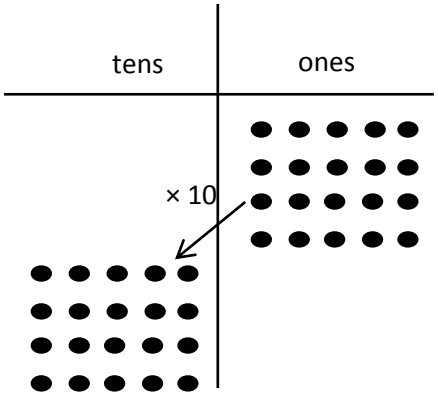
= _____



b. 2 × (5 × 10)

= 2 × (5 tens)

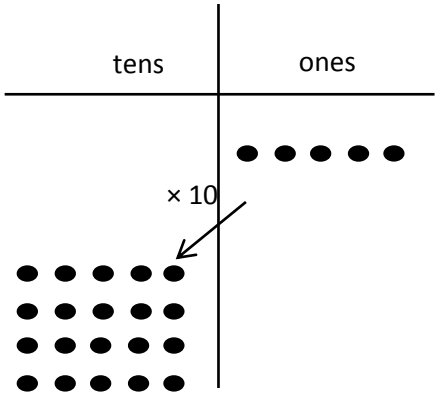
= _____



c. (4 × 5) × 10

= (_____ ones) × 10

= _____



d. 4 × (5 × 10)

= 4 × (____ tens)

= _____

2. Solve. Place ( ) in (c) and (d) as needed to find the related fact.

a. $3 \times 20 = 3 \times (2 \times 10)$

$= (3 \times 2) \times 10$

$= \underline{\mathbf{6}} \times 10$

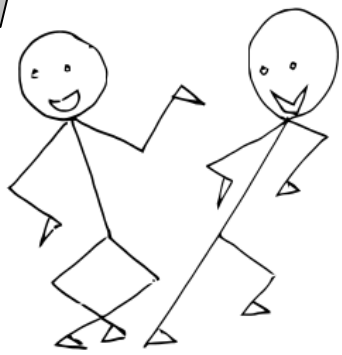
$=$ _____

b. $3 \times 30 = 3 \times (3 \times 10)$

$= (3 \times 3) \times 10$

$=$ _____ $\times 10$

$=$ _____



c. $3 \times 40 = 3 \times (4 \times 10)$

$= 3 \times 4 \times 10$

$=$ _____ $\times 10$

$=$ _____

d. $3 \times 50 = 3 \times 5 \times 10$

$= 3 \times 5 \times 10$

$=$ _____ $\times 10$

$=$ _____

3. Danny solves 5×20 by thinking about 10×10. Explain his strategy.