

Name _____

Date _____

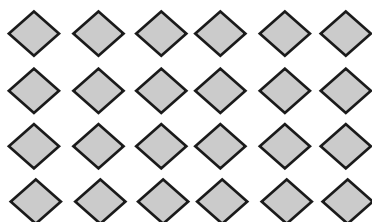
1. a. Solve. Shade in the multiplication facts that you already know. Then, shade in the facts for sixes, sevens, eights, and nines that you can solve using the commutative property.

| × | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----|---|----|---|---|----|----|---|----|---|----|
| 1 | | 2 | 3 | | | | | | | |
| 2 | | 4 | | 8 | | | | 16 | | |
| 3 | | | | | | 18 | | | | |
| 4 | | | | | 20 | | | | | |
| 5 | | | | | | | | | | 50 |
| 6 | | 12 | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |

- b. Complete the chart. Each bag contains 7 apples.

| | | | | | |
|-------------------------------|---|----|---|---|----|
| Number of Bags | 2 | | 4 | 5 | |
| Total Number of Apples | | 21 | | | 42 |

2. Use the array to write two different multiplication sentences.



_____ = _____ × _____

_____ = _____ × _____

3. Complete the equations.

a. 2 sevens = _____ twos
= 14

g. $3 \times 9 = 10$ threes – _____ three
= _____

b. 3 _____ = 6 threes
= _____

h. 10 fours – 1 four = _____ \times 4
= _____

c. 10 eights = 8 _____
= _____

i. $8 \times 4 = 5$ fours + _____ fours
= _____

d. $4 \times$ _____ = 6×4
= _____

j. _____ fives + 1 five = 6×5
= _____

e. $8 \times 5 =$ _____ $\times 8$
= _____

k. 5 threes + 2 threes = _____ \times _____
= _____

f. _____ $\times 7 = 7 \times$ _____
= 28

l. _____ twos + _____ twos = 10 twos
= _____