

Properties of Multiplication

1. Complete the blanks.

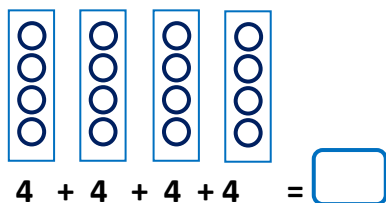
- a. A change in the order of the factor does not change the _____.
- b. The product of a number and one is the number _____.
- c. $6 \times 5 =$ _____ and _____ $\times$ _____ $= 30$.

2. Complete the blanks.

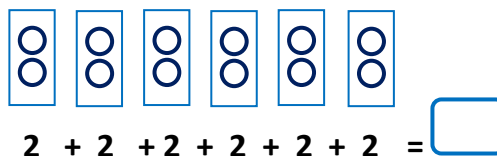
- a. $9 \times 1 =$ _____
- b. $3 \times 4 =$ _____
- c. $8 \times$ _____ $= 8$
- d. $2 \times 6 =$ _____ and $6 \times 2 =$ _____
- e. $20 \times$ _____ $= 20$
- f. $33 \times$ _____ $= 33$
- g. $2 \times 9 =$ _____ and $9 \times$ _____ $= 18$
- h. $16 \times 1 =$ _____

3. Write the multiplication facts.

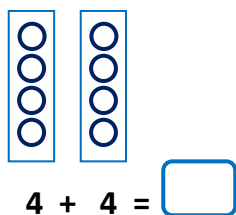
a.



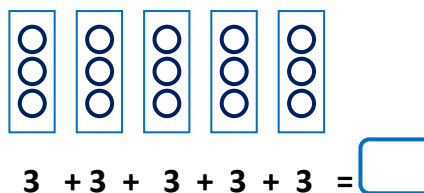
b.



c.

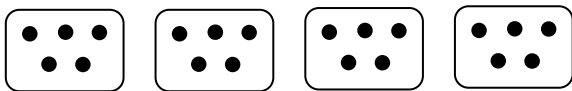


d.



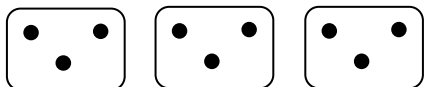
4. Write the multiplication sentence for the following.

a.



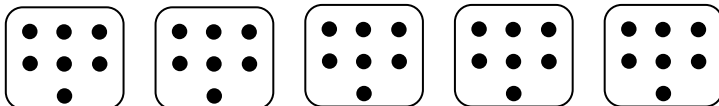
$$\square \times \square = \square$$

b.



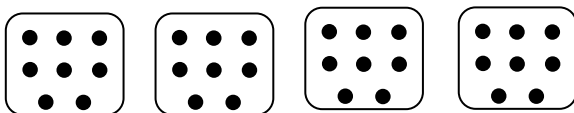
$$\square \times \square = \square$$

c.



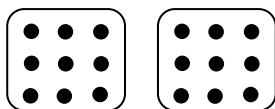
$$\square \times \square = \square$$

d.



$$\square \times \square = \square$$

e.



$$\square \times \square = \square$$

5. Write the repeated addition as a multiplication fact.

a. $5 + 5 + 5 =$ _____ times _____ $=$ _____ $\times$ _____

b. $10 + 10 =$ _____ times _____ $=$ _____ $\times$ _____

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

d. $7 + 7 + 7 + 7 + 7 =$ _____ times _____ $=$ _____ $\times$ _____