Properties of Multiplication

1. **Fill in the blank: 3 × 1 = _____**

2. **If 1 × 5 = 5, then 5 × 1 = _____**

3. **Tick the correct option:**

   Which shows the zero property?

   (a) 7 × 1 = 7

   (b) 0 × 9 = 0

   (c) 6 × 6 = 36

4. **Match the multiplication pairs using commutative property:**

   (a) 2 × 4   (i) 5 × 3

   (b) 3 × 5   (ii) 4 × 2

   (c) 6 × 1   (iii) 1 × 6

5. **0 × 100 = _____**

6. **Which is always true?**

   (a) 6 × 2 = 2 × 6

   (b) 6 × 2 = 12 × 1

7. **Ritu has 3 jars with 0 candies in each.**

   How many candies total?
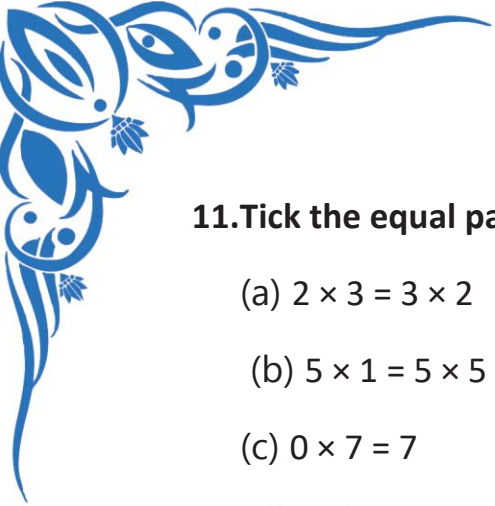
   Answer: _____

8. **Use the identity property:**

   Any number × 1 = _____

9. **1 × 8 cupcakes = _____**

   8 × 1 cupcakes = _____

10. **Write the commutative form:**

   4 × 9 = _____

11. Tick the equal pairs:

(a) 2 × 3 = 3 × 2 ☐

 (b) 5 × 1 = 5 × 5 ☐

(c) 0 × 7 = 7 ☐

12. Fill in the missing number:

7 × ____ = 0

13. Tick the correct pair

Which shows identity and zero property?

1 × 9 = 9 and 0 × 9 = 0 ☐

2 × 3 = 6 and 2 × 0 = 2 ☐

14. If there are 5 plates and 1 chocolate on each plate, how many chocolates in total?

Answer: _____

15. Rearrange and multiply using commutative property:

6 × 2 = ____ × ____ = _____

16. Fill in the blanks

(a) 0 × 1 = ____

(b) 1 × 0 = ____

(c) 5 × 1 = ____

17. Choose the group that shows zero property

(a) 🧃 × 0 = 0 ☐

(b) 🧃 × 1 = 🧃 ☐

(c) 🧃 × 🧃 = 4 ☐

18. Which property is this?

3 × 5 = 5 × 3

Answer: _____