



Determine which property of multiplication is shown (Associative, Identity, Distributive or Commutative).

Answers

- |  |           |
|--|-----------|
| 1) $10 \times 6 = 6 \times 10$                         | 1. _____  |
| 2) $1 \times 10 = 10 \times 1$                         | 2. _____  |
| 3) $5 \times (3 \times 2) = (5 \times 3) \times 2$     | 3. _____  |
| 4) $10 \times 1 = 10$                                  | 4. _____  |
| 5) $1 \times 8 = 8$                                    | 5. _____  |
| 6) $(10 \times 7) + (10 \times 6) = 10 \times (7 + 6)$ | 6. _____  |
| 7) $8 \times 9 = 9 \times 8$                           | 7. _____  |
| 8) $4 \times (9 \times 10) = (4 \times 9) \times 10$   | 8. _____  |
| 9) $(1 \times 10) + (1 \times 9) = 1 \times (10 + 9)$  | 9. _____  |
| 10) $7 \times 3 = 3 \times 7$                          | 10. _____ |
| 11) $4 \times 1 = 4$                                   | 11. _____ |
| 12) $3 \times (6 + 1) = (3 \times 6) + (3 \times 1)$   | 12. _____ |
| 13) $6 \times (4 \times 10) = (6 \times 4) \times 10$  | 13. _____ |
| 14) $3 \times 6 = 6 \times 3$                          | 14. _____ |
| 15) $(9 \times 8) + (9 \times 1) = 9 \times (8 + 1)$   | 15. _____ |
| 16) $1 \times 1 = 1$                                   | 16. _____ |
| 17) $4 \times (2 \times 0) = (4 \times 2) \times 0$    | 17. _____ |
| 18) $(8 \times 9) + (8 \times 0) = 8 \times (9 + 0)$   | 18. _____ |
| 19) $(3 \times 0) \times 8 = 3 \times (0 \times 8)$    | 19. _____ |
| 20) $1 \times 4 = 4$                                   | 20. _____ |



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- 10)  $7 \times 3 = 3 \times 7$
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- 12)  $3 \times (6 + 1) = (3 \times 6) + (3 \times 1)$
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- 14)  $3 \times 6 = 6 \times 3$
- 15)  $(9 \times 8) + (9 \times 1) = 9 \times (8 + 1)$
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- 17)  $4 \times (2 \times 0) = (4 \times 2) \times 0$
- 18)  $(8 \times 9) + (8 \times 0) = 8 \times (9 + 0)$
- 19)  $(3 \times 0) \times 8 = 3 \times (0 \times 8)$
- 20)  $1 \times 4 = 4$

Answers

1. commutative
2. commutative
3. associative
4. identity
5. identity
6. distributive
7. commutative
8. associative
9. distributive
10. commutative
11. identity
12. distributive
13. associative
14. commutative
15. distributive
16. identity
17. associative
18. distributive
19. associative
20. identity