



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

Answers

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



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Answers

- | | |
|--|-------------------------|
| 1) $6 \times 1 = 6$ | 1. <u>identity</u> |
| 2) $3 \times (10 + 7) = (3 \times 10) + (3 \times 7)$ | 2. <u>distributive</u> |
| 3) $8 \times (9 + 7) = (8 \times 9) + (8 \times 7)$ | 3. <u>distributive</u> |
| 4) $4 \times (9 \times 7) = (4 \times 9) \times 7$ | 4. <u>associative</u> |
| 5) $2 \times 8 = 8 \times 2$ | 5. <u>commutative</u> |
| 6) $6 \times (8 + 10) = (6 \times 8) + (6 \times 10)$ | 6. <u>distributive</u> |
| 7) $1 \times 1 = 1$ | 7. <u>identity</u> |
| 8) $3 \times (10 \times 2) = (3 \times 10) \times 2$ | 8. <u>associative</u> |
| 9) $7 \times 0 = 0 \times 7$ | 9. <u>commutative</u> |
| 10) $3 \times 9 = 9 \times 3$ | 10. <u>commutative</u> |
| 11) $2 \times 1 = 2$ | 11. <u>identity</u> |
| 12) $0 \times (4 \times 3) = (0 \times 4) \times 3$ | 12. <u>associative</u> |
| 13) $(5 \times 10) + (5 \times 9) = 5 \times (10 + 9)$ | 13. <u>distributive</u> |
| 14) $(6 \times 10) \times 2 = 6 \times (10 \times 2)$ | 14. <u>associative</u> |
| 15) $(3 \times 0) + (3 \times 9) = 3 \times (0 + 9)$ | 15. <u>distributive</u> |
| 16) $1 \times 9 = 9$ | 16. <u>identity</u> |
| 17) $6 \times 8 = 8 \times 6$ | 17. <u>commutative</u> |
| 18) $1 \times 7 = 7$ | 18. <u>identity</u> |
| 19) $(5 \times 4) \times 3 = 5 \times (4 \times 3)$ | 19. <u>associative</u> |
| 20) $10 \times 2 = 2 \times 10$ | 20. <u>commutative</u> |