



Determine which choice best shows the distributive property of multiplication.

Answers

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|---|---|
| <p>1) A. $10 \times 6 = 6 \times 10$
 B. $10 \times (6 \times 8) = (10 \times 6) \times 8$
 C. $10 \times (6 + 8) = (10 \times 6) + (10 \times 8)$
 D. $1 \times 10 = 10$</p> | <p>2) A. $9 \times 5 = 5 \times 9$
 B. $9 \times 1 = 9$
 C. $(9 \times 5) \times 7 = 9 \times (5 \times 7)$
 D. $(9 \times 5) + (9 \times 7) = 9 \times (5 + 7)$</p> |
| <p>3) A. $5 \times 0 = 0 \times 5$
 B. $5 \times (0 \times 6) = (5 \times 0) \times 6$
 C. $5 \times (0 + 6) = (5 \times 0) + (5 \times 6)$
 D. $1 \times 5 = 5$</p> | <p>4) A. $2 \times 6 = 6 \times 2$
 B. $2 \times 1 = 2$
 C. $(2 \times 6) + (2 \times 0) = 2 \times (6 + 0)$
 D. $(2 \times 6) \times 0 = 2 \times (6 \times 0)$</p> |
| <p>5) A. $1 \times 8 = 8$
 B. $8 \times (10 + 3) = (8 \times 10) + (8 \times 3)$
 C. $8 \times (10 \times 3) = (8 \times 10) \times 3$
 D. $8 \times 10 = 10 \times 8$</p> | <p>6) A. $5 \times (1 + 4) = (5 \times 1) + (5 \times 4)$
 B. $5 \times 1 = 1 \times 5$
 C. $1 \times 5 = 5$
 D. $5 \times (1 \times 4) = (5 \times 1) \times 4$</p> |
| <p>7) A. $1 \times 2 = 2$
 B. $2 \times (9 \times 3) = (2 \times 9) \times 3$
 C. $2 \times 9 = 9 \times 2$
 D. $2 \times (9 + 3) = (2 \times 9) + (2 \times 3)$</p> | <p>8) A. $5 \times 1 = 5$
 B. $(5 \times 10) \times 3 = 5 \times (10 \times 3)$
 C. $5 \times 10 = 10 \times 5$
 D. $(5 \times 10) + (5 \times 3) = 5 \times (10 + 3)$</p> |
| <p>9) A. $6 \times 10 = 10 \times 6$
 B. $(6 \times 10) + (6 \times 7) = 6 \times (10 + 7)$
 C. $6 \times 1 = 6$
 D. $(6 \times 10) \times 7 = 6 \times (10 \times 7)$</p> | <p>10) A. $3 \times (8 + 7) = (3 \times 8) + (3 \times 7)$
 B. $3 \times (8 \times 7) = (3 \times 8) \times 7$
 C. $3 \times 8 = 8 \times 3$
 D. $1 \times 3 = 3$</p> |
| <p>11) A. $1 \times 5 = 5$
 B. $5 \times (2 + 8) = (5 \times 2) + (5 \times 8)$
 C. $5 \times (2 \times 8) = (5 \times 2) \times 8$
 D. $5 \times 2 = 2 \times 5$</p> | <p>12) A. $(1 \times 10) \times 2 = 1 \times (10 \times 2)$
 B. $1 \times 1 = 1$
 C. $1 \times 10 = 10 \times 1$
 D. $(1 \times 10) + (1 \times 2) = 1 \times (10 + 2)$</p> |

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| 1. | <u> C </u> |
| 2. | <u> D </u> |
| 3. | <u> C </u> |
| 4. | <u> C </u> |
| 5. | <u> B </u> |
| 6. | <u> A </u> |
| 7. | <u> D </u> |
| 8. | <u> D </u> |
| 9. | <u> B </u> |
| 10. | <u> A </u> |
| 11. | <u> B </u> |
| 12. | <u> D </u> |