



Determine which choice best shows the identity property of multiplication.

Answers

- 1) A. $(3 \times 1) + (3 \times 5) = 3 \times (1 + 5)$
 B. $3 \times 1 = 3$
 C. $3 \times 1 = 1 \times 3$
 D. $(3 \times 1) \times 5 = 3 \times (1 \times 5)$

- 2) A. $(6 \times 4) \times 10 = 6 \times (4 \times 10)$
 B. $6 \times 1 = 6$
 C. $(6 \times 4) + (6 \times 10) = 6 \times (4 + 10)$
 D. $6 \times 4 = 4 \times 6$

- 3) A. $(2 \times 4) \times 6 = 2 \times (4 \times 6)$
 B. $2 \times 4 = 4 \times 2$
 C. $2 \times 1 = 2$
 D. $(2 \times 4) + (2 \times 6) = 2 \times (4 + 6)$

- 4) A. $(4 \times 1) + (4 \times 7) = 4 \times (1 + 7)$
 B. $4 \times 1 = 1 \times 4$
 C. $(4 \times 1) \times 7 = 4 \times (1 \times 7)$
 D. $4 \times 1 = 4$

- 5) A. $(7 \times 2) + (7 \times 4) = 7 \times (2 + 4)$
 B. $7 \times 2 = 2 \times 7$
 C. $7 \times 1 = 7$
 D. $(7 \times 2) \times 4 = 7 \times (2 \times 4)$

- 6) A. $10 \times 8 = 8 \times 10$
 B. $10 \times (8 + 2) = (10 \times 8) + (10 \times 2)$
 C. $10 \times (8 \times 2) = (10 \times 8) \times 2$
 D. $1 \times 10 = 10$

- 7) A. $(10 \times 0) + (10 \times 5) = 10 \times (0 + 5)$
 B. $(10 \times 0) \times 5 = 10 \times (0 \times 5)$
 C. $10 \times 1 = 10$
 D. $10 \times 0 = 0 \times 10$

- 8) A. $0 \times 3 = 3 \times 0$
 B. $0 \times 1 = 0$
 C. $(0 \times 3) + (0 \times 9) = 0 \times (3 + 9)$
 D. $(0 \times 3) \times 9 = 0 \times (3 \times 9)$

- 9) A. $3 \times (10 + 4) = (3 \times 10) + (3 \times 4)$
 B. $3 \times (10 \times 4) = (3 \times 10) \times 4$
 C. $1 \times 3 = 3$
 D. $3 \times 10 = 10 \times 3$

- 10) A. $1 \times 10 = 10$
 B. $10 \times 1 = 1 \times 10$
 C. $10 \times (1 + 6) = (10 \times 1) + (10 \times 6)$
 D. $10 \times (1 \times 6) = (10 \times 1) \times 6$

- 11) A. $3 \times 8 = 8 \times 3$
 B. $(3 \times 8) \times 0 = 3 \times (8 \times 0)$
 C. $(3 \times 8) + (3 \times 0) = 3 \times (8 + 0)$
 D. $3 \times 1 = 3$

- 12) A. $1 \times 3 = 3$
 B. $3 \times 10 = 10 \times 3$
 C. $3 \times (10 \times 7) = (3 \times 10) \times 7$
 D. $3 \times (10 + 7) = (3 \times 10) + (3 \times 7)$

1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____
 9. _____
 10. _____
 11. _____
 12. _____



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

Answers

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|-----|----------|--|
| 1. | B | |
| 2. | B | |
| 3. | C | |
| 4. | D | |
| 5. | C | |
| 6. | D | |
| 7. | C | |
| 8. | B | |
| 9. | C | |
| 10. | A | |
| 11. | D | |
| 12. | A | |