

Finding Associative Property of Multiplication

Name:

Determine which choice is an equivalent equation.

- 1) Which expression is equal to $(8 \times 10) \times 4$
 - $A.(8 \times 10) + 4$
 - B. $8 \times (10 \times 4)$
 - C.8 + (10 + 4)
 - $D.8 + (10 \times 4)$
- 3) Which expression is equal to $(10 \times 3) \times 6$
 - $A.(10 \times 3) + 6$
 - B.10 + (3 + 6)
 - $C.(10+3)\times 6$
 - $D.10 \times (3 \times 6)$
- 5) Which expression is equal to $6 \times (10 \times 0)$
 - $A.(6 \times 10) + 0$
 - B. $6 \times (10 + 0)$
 - C.(6+10)+0
 - $D.(6 \times 10) \times 0$
- 7) Which expression is equal to $2 \times (0 \times 9)$
 - $A.(2 \times 0) \times 9$
 - B. $(2+0) \times 9$
 - C.2 + (0 + 9)
 - D.(2+0)+9
- 9) Which expression is equal to $7 \times (4 \times 0)$

A.
$$(7 + 4) \times 0$$

- 7.. (7 . . .) . . .
- $B.(7 \times 4) \times 0$
- $C.7 \times (4 + 0)$
- $D.7 + (4 \times 0)$
- 11) Which expression is equal to $3 \times (8 \times 6)$
 - A.(3+8)+6
 - B. $(3 + 8) \times 6$
 - $C.(3\times8)\times6$
 - $D.3 \times (8+6)$

- 2) Which expression is equal to $6 \times (3 \times 4)$
 - $A.(6 \times 3) + 4$
 - B. $(6 \times 3) \times 4$
 - $C.6 + (3 \times 4)$
 - $D.(6+3) \times 4$
- 4) Which expression is equal to $(0 \times 6) \times 4$
 - $A.(0+6) \times 4$
 - B.(0+6)+4
 - $C.0 \times (6 \times 4)$
 - $D.(0 \times 6) + 4$
- 6) Which expression is equal to $(1 \times 10) \times 8$
 - A.(1+10)+8
 - B. $1 \times (10 \times 8)$
 - $C.1 \times (10 + 8)$
 - $D.(1 \times 10) + 8$
- 8) Which expression is equal to $4 \times (3 \times 2)$
 - A. 4 + (3 + 2)
 - 7.41(312
 - B. $(4+3) \times 2$
 - $C.(4 \times 3) \times 2$
 - D.(4+3)+2
- 10) Which expression is equal to $10 \times (6 \times 3)$
 - $10 \times (6 \times 3)$
 - A. $(10+6) \times 3$
 - B. $(10 \times 6) \times 3$
 - $C.(10 \times 6) + 3$
 - D.10 + (6 + 3)
- 12) Which expression is equal to $(2 \times 6) \times 3$
 - A.(2+6)+3
 - B. $2 + (6 \times 3)$
 - $C.(2 \times 6) + 3$
 - $D.2 \times (6 \times 3)$

<u>Answers</u>

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



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 - $C.(2 \times 6) + 3$
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- Seed: 185788630-791

Answers

- 2. **B**
- 3. **D**
- 4. **C**
- 5. **D**
- В
- 7 **A**
- 8. **C**
- 9. **B**
- O. **B**
- 1. **C**
- 12. **D**