

Determine which choice is an equivalent equation.

- 1) Which expression is equal to
 - $(2 \times 4) \times 9$
 - A. $2 \times (4 \times 9)$
 - B. (2+4)+9
 - C. $(2 \times 4) + 9$
 - D. $2 \times (4 + 9)$
- 3) Which expression is equal to $(10 \times 8) \times 5$
 - $(10 \times 8) \times 5$
 - A. $10 + (8 \times 5)$
 - B. $10 \times (8 \times 5)$
 - C. (10+8)+5
 - D. 10 + (8 + 5)
- 5) Which expression is equal to
 - $3 \times (5 \times 4)$
 - A. 3 + (5 + 4)
 - B. (3+5)+4
 - C. $(3 \times 5) \times 4$
 - D. $3 + (5 \times 4)$
- 7) Which expression is equal to
 - $4 \times (6 \times 2)$
 - A. $(4 \times 6) \times 2$
 - B. (4+6)+2
 - C. $4 + (6 \times 2)$
 - D.4 + (6 + 2)
- **9)** Which expression is equal to
 - $(10 \times 1) \times 3$
 - A. $10 \times (1 \times 3)$
 - B. $10 \times (1 + 3)$
 - C. $(10 \times 1) + 3$
 - D. $(10 + 1) \times 3$
- 11) Which expression is equal to
 - $(5\times4)\times3$
 - A. $5 \times (4 \times 3)$
 - B. $5 + (4 \times 3)$
 - C. $(5 \times 4) + 3$
 - D. $5 \times (4 + 3)$

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

- <u>Answers</u>
- 1. _____
- 2.
 - 3. _____
 - 4. _____
 - 5. _____
 - 6. _____
 - 7. _____
 - 8. _____
- 9.
- 10. _____
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- 12. _____



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 - \mathbf{D} . 10 \uparrow (5×7
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 - $5 \times (4 \times 2)$
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 - B. $(5 \times 4) \times 2$
 - C.(5+4)+2
 - D. $(5+4) \times 2$

- <u>Answers</u>
- 1. **A**
- 2. **C**
- **B**
- . <u>D</u>
- . **C**
- i. **C**
- 7. **A**
- **C**
- 9. **A**
 - o. **C**
- 11. **A**
- 12 **B**