

**Determine which choice is an equivalent equation.****Answers**

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

**Determine which choice is an equivalent equation.**

- Answers**
1. A
 2. C
 3. B
 4. D
 5. C
 6. C
 7. A
 8. C
 9. A
 10. C
 11. A
 12. B
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 B. $(2 + 4) + 9$
 C. $(2 \times 4) + 9$
 D. $2 \times (4 + 9)$
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 C. $3 \times (2 \times 9)$
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 C. $4 + (6 \times 2)$
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