



Déterminez le choix qui représente la propriété de neutralité de la multiplication.

Réponses

- 1) A. $5 \times (1 + 8) = (5 \times 1) + (5 \times 8)$
 B. $1 \times 5 = 5$
 C. $5 \times 1 = 1 \times 5$
 D. $5 \times (1 \times 8) = (5 \times 1) \times 8$

- 2) A. $0 \times (9 \times 5) = (0 \times 9) \times 5$
 B. $0 \times 9 = 9 \times 0$
 C. $0 \times (9 + 5) = (0 \times 9) + (0 \times 5)$
 D. $1 \times 0 = 0$

- 3) A. $0 \times 2 = 2 \times 0$
 B. $(0 \times 2) \times 5 = 0 \times (2 \times 5)$
 C. $0 \times 1 = 0$
 D. $(0 \times 2) + (0 \times 5) = 0 \times (2 + 5)$

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

- 5) A. $6 \times 7 = 7 \times 6$
 B. $(6 \times 7) + (6 \times 1) = 6 \times (7 + 1)$
 C. $(6 \times 7) \times 1 = 6 \times (7 \times 1)$
 D. $6 \times 1 = 6$

- 6) A. $(4 \times 0) + (4 \times 5) = 4 \times (0 + 5)$
 B. $(4 \times 0) \times 5 = 4 \times (0 \times 5)$
 C. $4 \times 0 = 0 \times 4$
 D. $4 \times 1 = 4$

- 7) A. $1 \times 8 = 8$
 B. $8 \times (3 \times 7) = (8 \times 3) \times 7$
 C. $8 \times 3 = 3 \times 8$
 D. $8 \times (3 + 7) = (8 \times 3) + (8 \times 7)$

- 8) A. $(5 \times 8) \times 1 = 5 \times (8 \times 1)$
 B. $5 \times 1 = 5$
 C. $5 \times 8 = 8 \times 5$
 D. $(5 \times 8) + (5 \times 1) = 5 \times (8 + 1)$

- 9) A. $4 \times (8 + 2) = (4 \times 8) + (4 \times 2)$
 B. $4 \times (8 \times 2) = (4 \times 8) \times 2$
 C. $4 \times 8 = 8 \times 4$
 D. $1 \times 4 = 4$

- 10) A. $(8 \times 4) + (8 \times 10) = 8 \times (4 + 10)$
 B. $(8 \times 4) \times 10 = 8 \times (4 \times 10)$
 C. $8 \times 4 = 4 \times 8$
 D. $8 \times 1 = 8$

- 11) A. $8 \times (9 \times 5) = (8 \times 9) \times 5$
 B. $1 \times 8 = 8$
 C. $8 \times 9 = 9 \times 8$
 D. $8 \times (9 + 5) = (8 \times 9) + (8 \times 5)$

- 12) A. $(6 \times 7) \times 4 = 6 \times (7 \times 4)$
 B. $6 \times 1 = 6$
 C. $(6 \times 7) + (6 \times 4) = 6 \times (7 + 4)$
 D. $6 \times 7 = 7 \times 6$

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 C. $5 \times 1 = 1 \times 5$
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- 2) A. $0 \times (9 \times 5) = (0 \times 9) \times 5$
 B. $0 \times 9 = 9 \times 0$
 C. $0 \times (9 + 5) = (0 \times 9) + (0 \times 5)$
 D. $1 \times 0 = 0$

1. **B** 2. **D** 3. **C**

- 3) A. $0 \times 2 = 2 \times 0$
 B. $(0 \times 2) \times 5 = 0 \times (2 \times 5)$
 C. $0 \times 1 = 0$
 D. $(0 \times 2) + (0 \times 5) = 0 \times (2 + 5)$

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

4. **B** 5. **D** 6. **D**

- 5) A. $6 \times 7 = 7 \times 6$
 B. $(6 \times 7) + (6 \times 1) = 6 \times (7 + 1)$
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 D. $6 \times 1 = 6$

- 6) A. $(4 \times 0) + (4 \times 5) = 4 \times (0 + 5)$
 B. $(4 \times 0) \times 5 = 4 \times (0 \times 5)$
 C. $4 \times 0 = 0 \times 4$
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7. **A** 8. **B** 9. **D**

- 7) A. $1 \times 8 = 8$
 B. $8 \times (3 \times 7) = (8 \times 3) \times 7$
 C. $8 \times 3 = 3 \times 8$
 D. $8 \times (3 + 7) = (8 \times 3) + (8 \times 7)$

- 8) A. $(5 \times 8) \times 1 = 5 \times (8 \times 1)$
 B. $5 \times 1 = 5$
 C. $5 \times 8 = 8 \times 5$
 D. $(5 \times 8) + (5 \times 1) = 5 \times (8 + 1)$

10. **D** 11. **B** 12. **B**

- 9) A. $4 \times (8 + 2) = (4 \times 8) + (4 \times 2)$
 B. $4 \times (8 \times 2) = (4 \times 8) \times 2$
 C. $4 \times 8 = 8 \times 4$
 D. $1 \times 4 = 4$

- 10) A. $(8 \times 4) + (8 \times 10) = 8 \times (4 + 10)$
 B. $(8 \times 4) \times 10 = 8 \times (4 \times 10)$
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