

Name _____

Date _____

Algebra

Skill 3 - 4B

Identity Property of Addition or Zero Property

Directions: Which answer is an example of the Identity Property of Addition? Also called the Zero Property of Addition.

A. $(8 + 2) + 3 = 8 + (2 + 3)$

B. $12 + 0 = 12$

C. $3 + 5 = 5 + 3$

The answer is B. When you add zero to any number, the sum is that number.

1. Identity Property of Addition or Zero Property of Addition.

A. $(3 + 8) + 7 = 3 + (8 + 7)$

B. $9 + 2 = 2 + 9$

C. $9 + 0 = 9$

2. Identity Property of Addition or Zero Property of Addition.

A. $3 + 4 = 4 + 3$

B. $7 + 0 = 7$

C. $(5 + 3) + 2 = 5 + (3 + 2)$

3. Identity Property of Addition or Zero Property of Addition.

A. $(6 + 5) + 2 = 6 + (5 + 2)$

B. $5 + 8 = 8 + 5$

C. $8 + 0 = 8$

4. Identity Property of Addition or Zero Property of Addition.

A. $1 + 0 = 1$

B. $(4 + 3) + 2 = 4 + (3 + 2)$

C. $6 + 7 = 7 + 6$

5. Identity Property of Addition or Zero Property of Addition.

A. $2 + 1 = 1 + 2$

B. $7 + 0 = 7$

C. $(8 + 1) + 3 = 8 + (1 + 3)$

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Identity Property of Addition

Directions: Which answer is an example of the Identity Property of Addition? Circle the answer.

6. Identity Property of Addition or Zero Property of Addition.

A. $10 + 0 = 10$ **B.** $(6 + 5) + 4 = 6 + (5 + 4)$ **C.** $7 + 3 = 3 + 7$

7. Identity Property of Addition or Zero Property of Addition.

A. $(3 + 6) + 8 = 3 + (6 + 8)$ **B.** $7 + 2 = 2 + 7$ **C.** $5 + 0 = 5$

8. Identity Property of Addition or Zero Property of Addition.

A. $7 + 8 = 8 + 7$ **B.** $6 + 0 = 6$ **C.** $(7 + 5) + 9 = 7 + (5 + 9)$

9. Identity Property of Addition or Zero Property of Addition.

A. $(4 + 2) + 6 = 4 + (2 + 6)$ **B.** $5 + 4 = 4 + 5$ **C.** $2 + 0 = 2$

10. Identity Property of Addition or Zero Property of Addition.

A. $(6 + 5) + 8 = 6 + (5 + 8)$ **B.** $3 + 0 = 3$ **C.** $7 + 9 = 9 + 7$

11. Identity Property of Addition or Zero Property of Addition.

A. $(4 + 2) + 6 = 4 + (2 + 6)$ **B.** $8 + 1 = 1 + 8$ **C.** $12 + 0 = 12$

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Identity Property of Addition

Directions: Which answer is an example of the Identity Property of Addition? Circle the answer.

12. Identity Property of Addition or Zero Property of Addition.

A. $(5 + 9) + 3 = 5 + (9 + 3)$

B. $6 + 0 = 6$

C. $19 + 12 = 12 + 19$

13. Identity Property of Addition or Zero Property of Addition.

A. $15 + 0 = 15$

B. $7 + 2 = 2 + 7$

C. $(5 + 3) + 2 = 5 + (3 + 2)$

14. Identity Property of Addition or Zero Property of Addition.

A. $12 + 0 = 12$

B. $(7 + 8) + 6 = 7 + (8 + 6)$

C. $11 + 12 = 12 + 11$

15. Identity Property of Addition or Zero Property of Addition.

A. $6 + 13 = 13 + 6$

B. $14 + 0 = 14$

C. $(8 + 9) + 2 = 8 + (9 + 2)$

16. Identity Property of Addition or Zero Property of Addition.

A. $(7 + 3) + 4 = 7 + (3 + 4)$

B. $2 + 9 = 9 + 2$

C. $8 + 0 = 8$

17. Identity Property of Addition or Zero Property of Addition.

A. $4 + 0 = 4$

B. $(5 + 2) + 4 = 5 + (2 + 4)$

C. $9 + 3 = 3 + 9$

Answer Key
Skill 3 - 4B

Which answer is an example of the Identity Property of Addition? Circle the answer.		
A. $(8 + 2) + 3 = 8 + (2 + 3)$ The above is an example of the Associative Property of Addition	B. $12 + 0 = 12$ The above is an example of the Identity Property of Addition	C. $3 + 5 = 5 + 3$ Above is an example of the Order Property or sometimes called the Commutative Property of Addition

The answer is B. When you add zero to any number, the sum is that number.

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1. C	2. B	3. C	4. A	5. B
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6. A	7. C	8. B	9. C	10. B	11. C
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12. B	13. A	14. A	15. B	16. C	17. A
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