

Addition

Skill 5 - 03A

Addition Properties

Directions: Circle the addition property that is being used.

Answers for 5 - 3A test question.

1. $8 + 0 = 8$

A. Commutative Property

B. Associative Property

C. Identity Property

Answer: C: The sum of any number and zero equals the original number.

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

A. Commutative Property

B. Associative Property

C. Identity Property

Answer: B: When the grouping of addends is changed the sum stays the same.

3. $4 + 7 = 7 + 4$

A. Commutative Property

B. Associative Property

C. Identity Property

Answer: A: When the order of addends is changed the sum stays the same.

Directions: Write the addition property shown in each question.

1. $(3 + 5) + 2 = 3 + (5 + 2)$ _____

2. $5 + 0 = 5$ _____

3. $2 + 5 = 5 + 2$ _____

4. $(6 + 0.65) + 0.12 = 6 + (0.65 + 0.12)$ _____

5. $275 + 0 = 275$ _____

6. $(7 + 8) + 3 = 7 + (8 + 3)$ _____

7. $12 + 15 = 15 + 12$ _____

8. $7 + 4 = 4 + 7$ _____

9. $(22 + 43) + 16 = 22 + (43 + 16)$ _____

10. $13 + 0 = 13$ _____

11. $(15 + 10) + 4 = 15 + (10 + 4)$ _____

12. $25 + 0 = 0 + 25$ _____

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Directions: Write the addition property shown in each question.

13. $(25 + 32) + 63 = 25 + (32 + 63)$ _____

14. $26 + 40 = 40 + 26$ _____

15. $28 + 0 = 28$ _____

16. $(3 + 0.32) + 0.07 = 3 + (0.32 + 0.07)$ _____

17. $56 + 0 = 56$ _____

18. $14 + 21 = 21 + 14$ _____

19. $(4 + 5) + 8 = 4 + (5 + 8)$ _____

20. $14 + 21 = 21 + 14$ _____

21. $(12 + 10) + 21 = 12 + (10 + 21)$ _____

22. $8 + 5 = 5 + 8$ _____

23. $(4 + 12) + 15 = 4 + (12 + 15)$ _____

24. $14 + 0 = 0 + 14$ _____

25. $56 + 0 = 56$ _____

26. $31 + 0 = 31$ _____

27. $(4 + 5) + 8 = 4 + (5 + 8)$ _____

28. $31 + 0 = 31$ _____

29. $(12 + 10) + 21 = 12 + (10 + 21)$ _____

30. $8 + 5 = 5 + 8$ _____

31. $(4 + 12) + 15 = 4 + (12 + 15)$ _____

32. $14 + 0 = 0 + 14$ _____

33. $1 + 0 = 0 + 1$ _____

Answer Key

Skill 5 - 03A

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|--------------------------|--------------------------|--------------------------|
| 1. Associative Property | 2. Identity Property | 3. Commutative Property |
| 4. Associative Property | 5. Identity Property | 6. Associative Property |
| 7. Commutative Property | 8. Commutative Property | 9. Associative Property |
| 10. Identity Property | 11. Associative Property | 12. Identity Property |
| 13. Associative Property | 14. Commutative Property | 15. Identity Property |
| 16. Associative Property | 17. Identity Property | 18. Commutative Property |
| 19. Associative Property | 20. Commutative Property | 21. Associative Property |
| 22. Commutative Property | 23. Associative Property | 24. Identity Property |
| 25. Identity Property | 26. Identity Property | 27. Associative Property |
| 28. Identity Property | 29. Associative Property | 30. Commutative Property |
| 31. Associative Property | 32. Identity Property | 33. Identity Property |