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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Addition Properties

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. \(1 + 0 = 0 + 1\)
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