

Name _____ Date _____

Properties of Addition and Multiplication

Name the property of addition or multiplication used.

1. $67 + 36 + 21 = 21 + 67 + 36$

2. $(17 \times 5) \times 4 = 17 \times (5 \times 4)$

3. $(48 + 9) + 6 = 48 + (9 + 6)$

4. $18 + 0 = 18$

5. $82 \times 0 = 0$

6. $73 \times 1 = 73$

7. $(28 + 36) + 5 = 28 + (36 + 5)$

8. $59 + 78 = 78 + 59$

9. $6 \times (14 \times 23) = (6 \times 14) \times 23$

10. $1 \times 96 = 96$

11. $32 \times 17 = 17 \times 32$

12. $32 + 17 = 17 + 32$

13. $0 \times 46 = 0$

14. $0 + 74 = 74$

Match the correct property of addition or multiplication with each exercise.

15. $83 + 11 + 92 = 11 + 92 + 83$

a. Associative Property of Addition

b. Associative Property of Multiplication

16. $68 \times (17 \times 23) = (68 \times 17) \times 23$

c. Commutative Property of Addition

d. Commutative Property of Multiplication

17. $11,329 \times 1 = 11,329$

e. Identity Property of Addition

f. Identity Property of Multiplication

18. $86 \times 21 \times 54 = 21 \times 54 \times 86$

g. Zero Property of Multiplication