

Name _____

Identity Property Worksheet - Introduction Answer Key

Practice Time!

1. $5 + 0 = 5$
2. $13 + 0 = 13$
3. $19 + 0 = 19$
4. $0 + 42 = 42$
5. $6 \times 1 = 6$
6. $25 \times 1 = 25$
7. $1 \times 11 = 11$
8. $100 \times 1 = 100$
9. $0 + 0 = 0$
10. $1 \times 0 = 0 \rightarrow$ **No**, this is *not* the identity property (multiplying by 1 keeps the number the same, but multiplying by 0 gives 0).

Challenge / Extension

1. Fill in the blanks:
 - Addition \rightarrow adding **0** doesn't change a number.
 - Multiplication \rightarrow multiplying by **1** doesn't change a number.
2. True or False:
 - a. $14 + 1 = 14 \rightarrow$ **False**
 - b. $7 \times 1 = 7 \rightarrow$ **True**
 - c. $9 + 0 = 9 \rightarrow$ **True**