



Independent Practice

1. How can you find the opposite of a number?

2. How can you tell if a number is an integer?

Ask Yourself

Is the number a whole number or its opposite?

Is the number to the right of 0 or to the left of 0 on a number line?

Identify whether each number is an integer. Write *yes* or *no*.

- | | |
|------------------------|-------------------------|
| 3. 0 _____ | 4. -499 _____ |
| 5. $\frac{1}{2}$ _____ | 6. 17 _____ |
| 7. 10.1 _____ | 8. $5\frac{1}{5}$ _____ |

Find the value of each point on the number line and its opposite.



9. Point *P* _____ Opposite _____

10. Point *T* _____ Opposite _____

11. The lowest point in California is in Death Valley at -282 feet above sea level. The highest point is Mount Whitney at $14,494$ feet above sea level. What does 0 represent in this situation?



Use the table below for questions 12–15.

The table shows the results of Mr. Donahue’s investments for 2010.

Investment	Change in Value in 2010 (in U.S. dollars)
Real Estate	−\$2,500
Stocks	\$1,275
Bonds	\$750
Bank Savings	\$189
Retirement Fund	−\$256.32

12. What does 0 represent in this situation?

13. Which investment had a change in value that was **not** an integer?

14. What is the amount of change in Mr. Donahue’s investment in stocks in 2010?

15. What integer is the opposite of the change in value from stocks?

16. Plot the following integers and their opposites on the number line below.

V at -1 and S at its opposite

W at 7 and T at its opposite

X at -4 and U at its opposite

