

Number Line

Number & Operations · Grade 6

Score: _____ / 10

◆ Medium · 10 Questions

Solve each problem. Show your work in the space provided. Write your answer on the line.

1. Which is greater: $-1/2$ or $-3/4$?

Answer: _____

2. What integer is 5 units to the RIGHT of -3 ?

Answer: _____

3. Order from least to greatest: 0, -1.5, 2, -2.5

Answer: _____

4. Find the distance from -4 to 3 on a number line.

Answer: _____

5. What is the opposite of -8?

Answer: _____

6. Find the distance from -2 to 9 on a number line.

Answer: _____

7. Which is greater: -2.5 or -2.05?

Answer: _____

8. Order from least to greatest: $-\frac{1}{4}$, -1, 0, $-\frac{1}{2}$

Answer: _____

- 9.** What integer is 6 units to the LEFT of 4?

Answer: _____

- 10.** What is the absolute value of 12?

Answer: _____

Answer Key

Number Line — Medium

1. **-1/2**

-1/2 is closer to 0 (and farther right) than -3/4, so greater.

2. **2**

-3 + 5 = 2.

3. **-2.5, -1.5, 0, 2**

Sort: -2.5 < -1.5 < 0 < 2.

4. **7**

|3 - (-4)| = |7| = 7.

5. **8**

Opposites are reflections across 0. Opposite of -8 is 8.

6. **11**

|9 - (-2)| = |9+2| = 11.

7. **-2.05**

-2.05 is closer to 0 than -2.5, so it is greater.

8. **-1, -1/2, -1/4, 0**

Sort by value: -1 < -1/2 < -1/4 < 0.

9. **-2**

4 - 6 = -2.

10. **12**

|12| = 12 (distance from 0).