

Number Line

Number & Operations · Grade 3

Score: _____ / 10

● Easy · 10 Questions

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

1. On a number line from 0 to 1 divided into halves, where is $\frac{1}{2}$?

Answer: _____

2. On a number line from 0 to 1 divided into fourths, between which marks is $\frac{1}{4}$?

Answer: _____

3. Which fraction is greater on a number line: $\frac{1}{4}$ or $\frac{3}{4}$?

Answer: _____

4. On a number line from 0 to 1 in thirds, where is $\frac{2}{3}$?

Answer: _____

5. Which is greater: $\frac{2}{3}$ or $\frac{1}{3}$?

Answer: _____

6. On a number line from 0 to 1 in halves, where is $\frac{1}{2}$?

Answer: _____

7. On a number line from 0 to 1 in fourths, where is $\frac{2}{4}$?

Answer: _____

8. Which fraction is closer to 0 on a number line: $\frac{1}{3}$ or $\frac{2}{3}$?

Answer: _____

9. On a number line from 0 to 1 in thirds, where is $\frac{1}{3}$?

Answer: _____

10. Which is greater: $\frac{3}{4}$ or $\frac{1}{4}$?

Answer: _____

Answer Key

Number Line — Easy

1. the midpoint

$1/2$ sits halfway between 0 and 1.

2. between 0 and $2/4$

$1/4$ is the first tick after 0.

3. $3/4$

$3/4$ is farther from 0, so it is greater.

4. second tick

Marks at 0, $1/3$, $2/3$, 1. $2/3$ is the second mark after 0.

5. $2/3$

$2/3$ is farther right on the number line.

6. the midpoint

$1/2$ is exactly halfway between 0 and 1.

7. the midpoint (same as $1/2$)

$2/4$ simplifies to $1/2$, so it sits at the midpoint.

8. $1/3$

$1/3$ is the smaller fraction, so it is closer to 0.

9. first tick after 0

Ticks at 0, $1/3$, $2/3$, 1. $1/3$ is the first tick after 0.

10. $3/4$

$3/4$ is farther right on the number line.