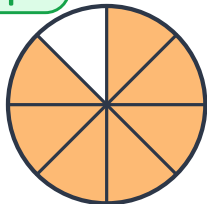


Benchmark Fractions

Is the shaded part closest to 0, $\frac{1}{2}$ or 1? Circle it.

Example



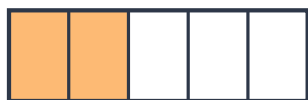
0 $\frac{7}{8}$ $\frac{1}{2}$ **1**

1.



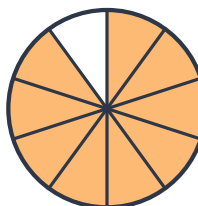
0 $\frac{1}{6}$ $\frac{1}{2}$ 1

2.



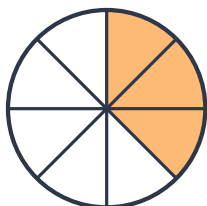
0 $\frac{2}{5}$ $\frac{1}{2}$ 1

3.



0 $\frac{9}{10}$ $\frac{1}{2}$ 1

4.



0 $\frac{3}{8}$ $\frac{1}{2}$ 1

5.



0 $\frac{0}{4}$ $\frac{1}{2}$ 1

6.



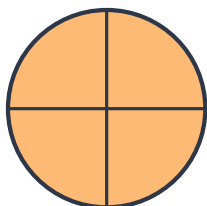
0 $\frac{5}{6}$ $\frac{1}{2}$ 1

7.



0 $\frac{1}{10}$ $\frac{1}{2}$ 1

8.



0 $\frac{4}{4}$ $\frac{1}{2}$ 1

9.

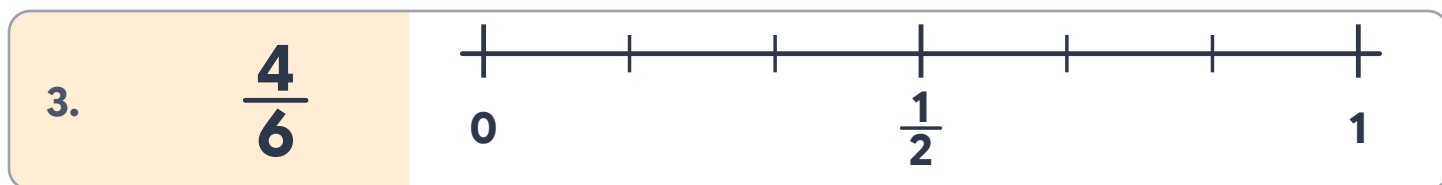
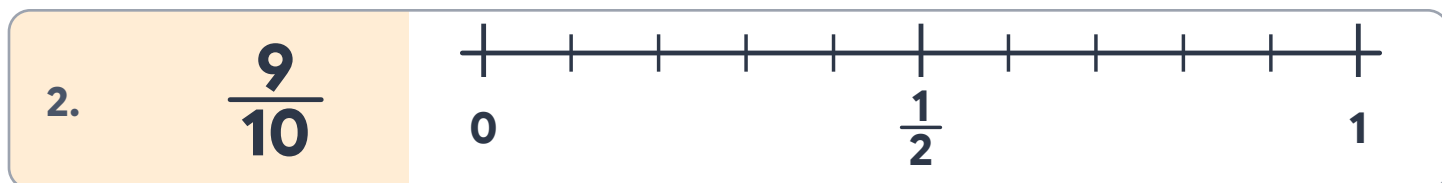
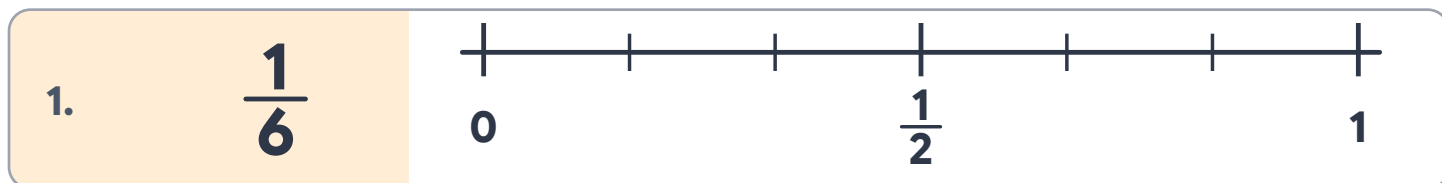
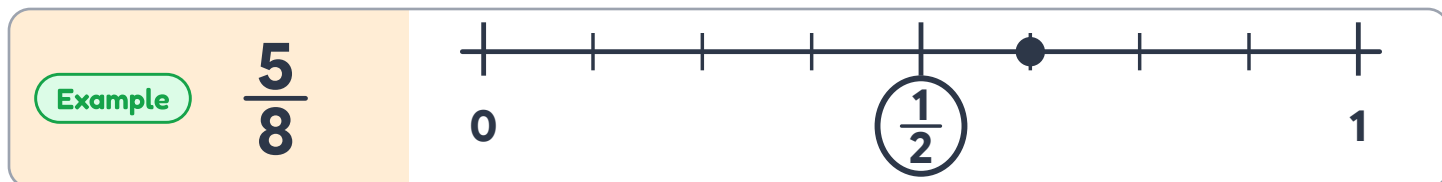


0 $\frac{2}{3}$ $\frac{1}{2}$ 1

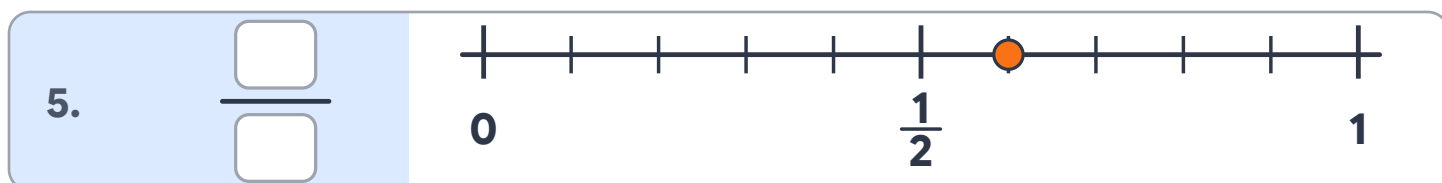
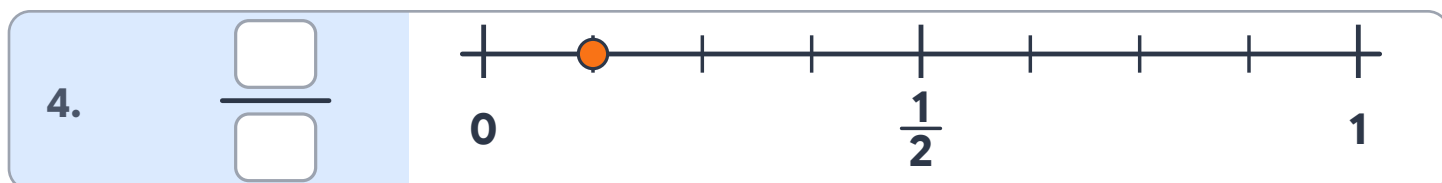
Benchmark Fractions

Use the number line. Circle the closest of 0, $\frac{1}{2}$ or 1.

Mark each fraction with a dot on its number line.



Write the fraction at each dot.



Benchmark Fractions

Is each fraction more or less than $\frac{1}{2}$?

Find half of the denominator. Then circle.

Example

$$\frac{3}{8}$$

Half of 8 is 4

less than $\frac{1}{2}$ more than $\frac{1}{2}$

1.

$$\frac{5}{6}$$

Half of 6 is _____

less than $\frac{1}{2}$ more than $\frac{1}{2}$

2.

$$\frac{6}{10}$$

Half of 10 is _____

less than $\frac{1}{2}$ more than $\frac{1}{2}$

3.

$$\frac{1}{10}$$

Half of 10 is _____

less than $\frac{1}{2}$ more than $\frac{1}{2}$

4.

$$\frac{2}{6}$$

Half of 6 is _____

less than $\frac{1}{2}$ more than $\frac{1}{2}$

5.

$$\frac{5}{8}$$

Half of 8 is _____

less than $\frac{1}{2}$ more than $\frac{1}{2}$

Sort the fractions. Write each one in the right box.

$$\frac{2}{3}$$



$$\frac{1}{8}$$



$$\frac{2}{5}$$



$$\frac{9}{10}$$



$$\frac{4}{6}$$



$$\frac{1}{3}$$



$$\frac{7}{8}$$



$$\frac{3}{5}$$



$$\frac{4}{10}$$



$$\frac{1}{6}$$



Less than $\frac{1}{2}$

More than $\frac{1}{2}$

Benchmark Fractions

Compare each fraction with 0, $\frac{1}{2}$ or 1. Write $<$, $>$ or $=$.

Signs



is less than



is greater than



is equal to

Example

$$\frac{3}{8} < \frac{1}{2}$$

1.

$$\frac{5}{5} \square 1$$

2.

$$\frac{2}{3} \square \frac{1}{2}$$

3.

$$\frac{1}{6} \square 0$$

4.

$$\frac{7}{8} \square 1$$

5.

$$\frac{4}{8} \square \frac{1}{2}$$

6.

$$\frac{2}{5} \square \frac{1}{2}$$

7.

$$\frac{0}{3} \square 0$$

8.

$$\frac{9}{10} \square \frac{1}{2}$$

9.

$$\frac{1}{10} \square \frac{1}{2}$$

10.

$$\frac{6}{6} \square 1$$

11.

$$\frac{3}{5} \square \frac{1}{2}$$

12.

$$\frac{5}{6} \square 1$$

13.

$$\frac{4}{10} \square 0$$

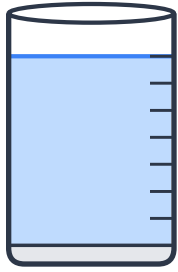
Benchmark Fractions

Is each amount closest to 0, $\frac{1}{2}$ or 1?

Read about each picture. Circle the words that fit.

Example

The glass is $\frac{7}{8}$ full.

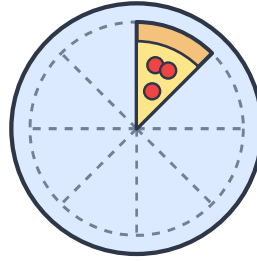


almost empty

about half

almost full

1. $\frac{1}{8}$ of the pizza is left.

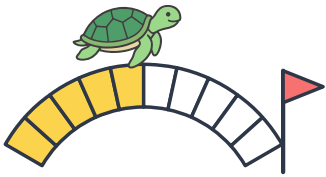


almost none

about half

almost all

2. Turtle walked $\frac{5}{10}$ of the path.

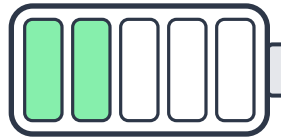


just started

about halfway

almost there

3. The battery is $\frac{2}{5}$ charged.



almost empty

about half

almost full

Sort. Write each fraction under the benchmark it is closest to.

$\frac{1}{6}$

$\frac{5}{8}$

$\frac{9}{10}$

$\frac{0}{3}$

$\frac{4}{4}$

$\frac{2}{3}$

$\frac{1}{10}$

$\frac{5}{6}$

$\frac{4}{10}$

Close to 0

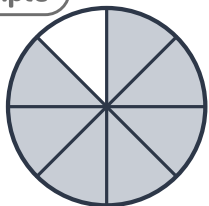
Close to $\frac{1}{2}$

Close to 1

Benchmark Fractions

Is the shaded part closest to 0, $\frac{1}{2}$ or 1? Circle it.

Example



0 $\frac{7}{8}$ $\frac{1}{2}$ ①

1.



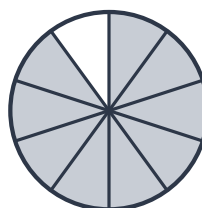
0 $\frac{1}{6}$ $\frac{1}{2}$ 1

2.



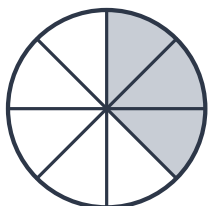
0 $\frac{2}{5}$ $\frac{1}{2}$ 1

3.



0 $\frac{9}{10}$ $\frac{1}{2}$ 1

4.



0 $\frac{3}{8}$ $\frac{1}{2}$ 1

5.



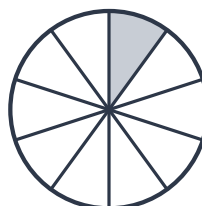
0 $\frac{0}{4}$ $\frac{1}{2}$ 1

6.



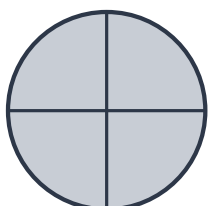
0 $\frac{5}{6}$ $\frac{1}{2}$ 1

7.



0 $\frac{1}{10}$ $\frac{1}{2}$ 1

8.



0 $\frac{4}{4}$ $\frac{1}{2}$ 1

9.

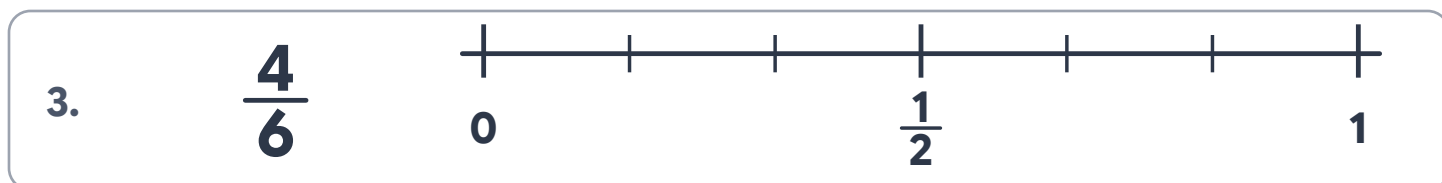
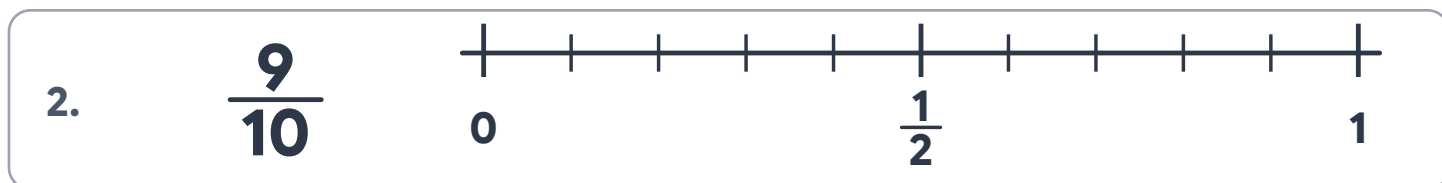
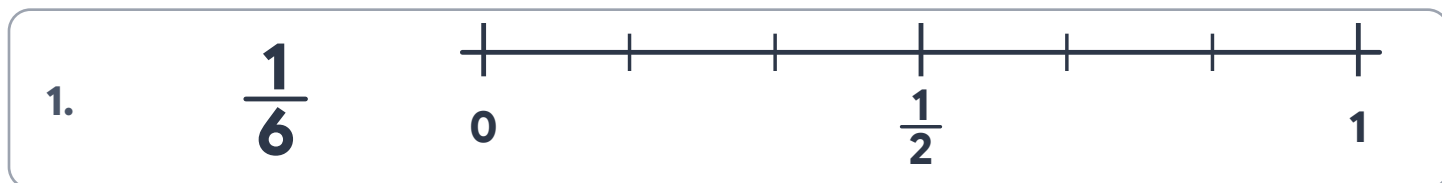
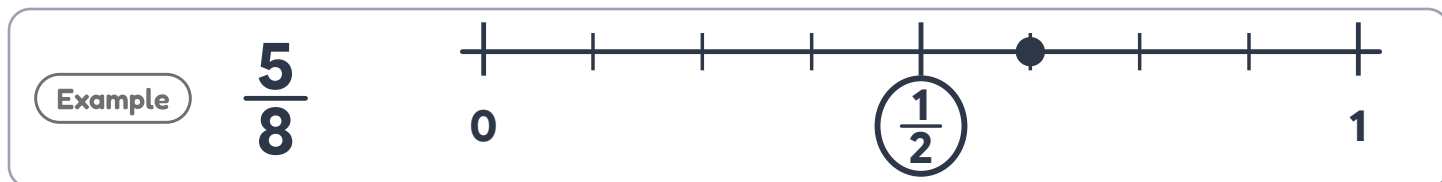


0 $\frac{2}{3}$ $\frac{1}{2}$ 1

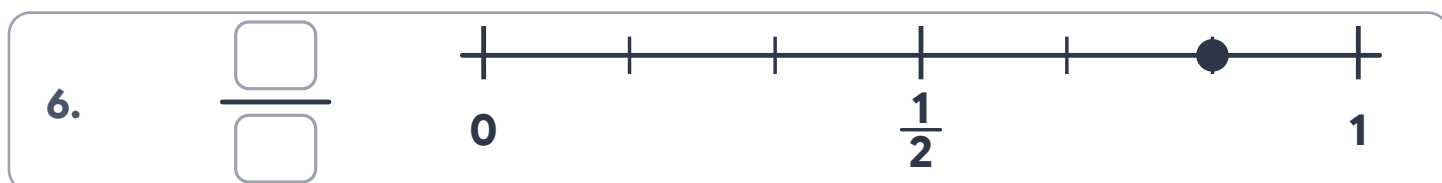
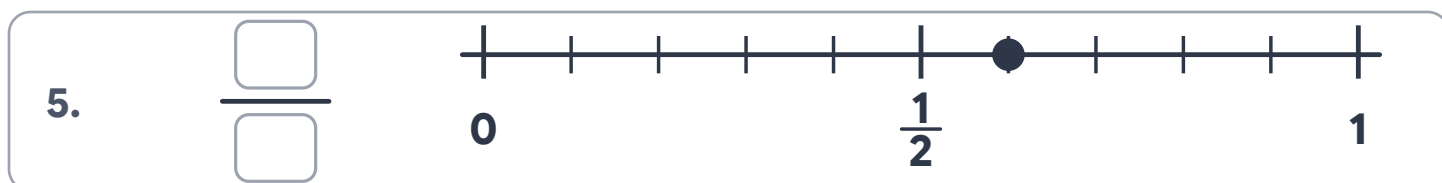
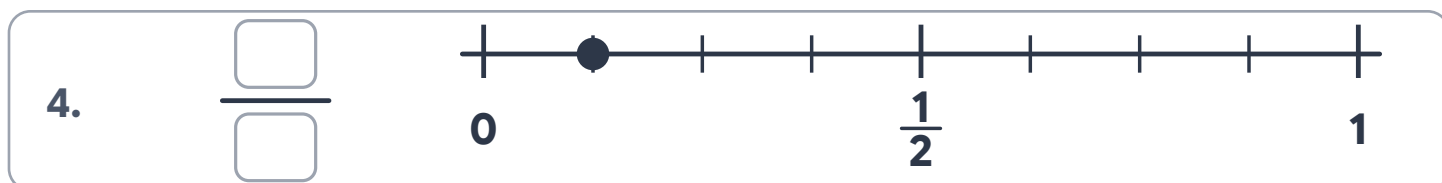
Benchmark Fractions

Use the number line. Circle the closest of 0, $\frac{1}{2}$ or 1.

Mark each fraction with a dot on its number line.



Write the fraction at each dot.



Benchmark Fractions

Is each fraction more or less than $\frac{1}{2}$?

Find half of the denominator. Then circle.

Example

$$\frac{3}{8}$$

Half of 8 is 4

less than $\frac{1}{2}$ more than $\frac{1}{2}$

1.

$$\frac{5}{6}$$

Half of 6 is _____

less than $\frac{1}{2}$ more than $\frac{1}{2}$

2.

$$\frac{6}{10}$$

Half of 10 is _____

less than $\frac{1}{2}$ more than $\frac{1}{2}$

3.

$$\frac{1}{10}$$

Half of 10 is _____

less than $\frac{1}{2}$ more than $\frac{1}{2}$

4.

$$\frac{2}{6}$$

Half of 6 is _____

less than $\frac{1}{2}$ more than $\frac{1}{2}$

5.

$$\frac{5}{8}$$

Half of 8 is _____

less than $\frac{1}{2}$ more than $\frac{1}{2}$

Sort the fractions. Write each one in the right box.

$$\frac{2}{3}$$



$$\frac{1}{8}$$



$$\frac{2}{5}$$



$$\frac{9}{10}$$



$$\frac{4}{6}$$



$$\frac{1}{3}$$



$$\frac{7}{8}$$



$$\frac{3}{5}$$



$$\frac{4}{10}$$



$$\frac{1}{6}$$



Less than $\frac{1}{2}$

More than $\frac{1}{2}$

Benchmark Fractions

Compare each fraction with 0, $\frac{1}{2}$ or 1. Write $<$, $>$ or $=$.

Signs

$<$ is less than

$>$ is greater than

$=$ is equal to

Example

$$\frac{3}{8} < \frac{1}{2}$$

1. $\frac{5}{5}$ 1

2. $\frac{2}{3}$ $\frac{1}{2}$

3. $\frac{1}{6}$ 0

4. $\frac{7}{8}$ 1

5. $\frac{4}{8}$ $\frac{1}{2}$

6. $\frac{2}{5}$ $\frac{1}{2}$

7. $\frac{0}{3}$ 0

8. $\frac{9}{10}$ $\frac{1}{2}$

9. $\frac{1}{10}$ $\frac{1}{2}$

10. $\frac{6}{6}$ 1

11. $\frac{3}{5}$ $\frac{1}{2}$

12. $\frac{5}{6}$ 1

13. $\frac{4}{10}$ 0

Benchmark Fractions

Is each amount closest to 0, $\frac{1}{2}$ or 1?

Read about each picture. Circle the words that fit.

Example

The glass is $\frac{7}{8}$ full.

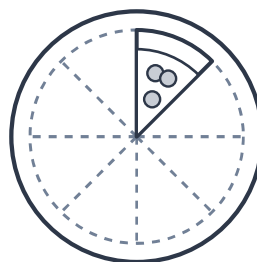


almost empty

about half

almost full

1. $\frac{1}{8}$ of the pizza is left.

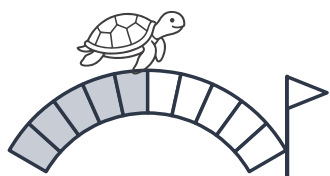


almost none

about half

almost all

2. Turtle walked $\frac{5}{10}$ of the path.

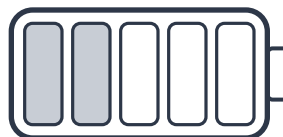


just started

about halfway

almost there

3. The battery is $\frac{2}{5}$ charged.



almost empty

about half

almost full

Sort. Write each fraction under the benchmark it is closest to.

$\frac{1}{6}$

$\frac{5}{8}$

$\frac{9}{10}$

$\frac{0}{3}$

$\frac{4}{4}$

$\frac{2}{3}$

$\frac{1}{10}$

$\frac{5}{6}$

$\frac{4}{10}$

Close to 0

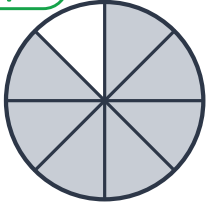
Close to $\frac{1}{2}$

Close to 1

Benchmark Fractions

Is the shaded part closest to 0, $\frac{1}{2}$ or 1? Circle it.

Example



0 $\frac{7}{8}$ $\frac{1}{2}$ **1**

1.



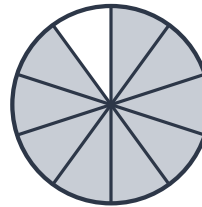
$\frac{1}{6}$
0 $\frac{1}{2}$ **1**

2.



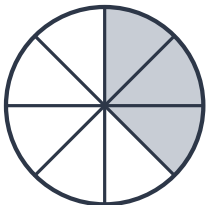
$\frac{2}{5}$
0 $\frac{1}{2}$ **1**

3.



$\frac{9}{10}$
0 $\frac{1}{2}$ **1**

4.



$\frac{3}{8}$
0 $\frac{1}{2}$ **1**

5.



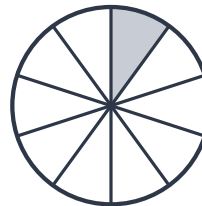
$\frac{0}{4}$
0 $\frac{1}{2}$ **1**

6.



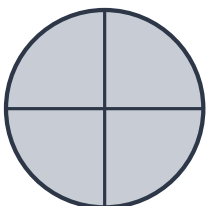
$\frac{5}{6}$
0 $\frac{1}{2}$ **1**

7.



$\frac{1}{10}$
0 $\frac{1}{2}$ **1**

8.



$\frac{4}{4}$
0 $\frac{1}{2}$ **1**

9.

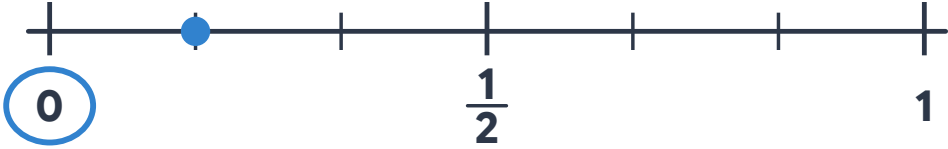
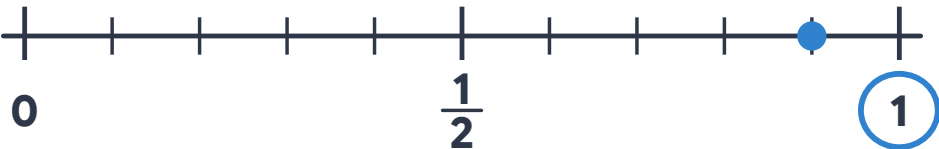
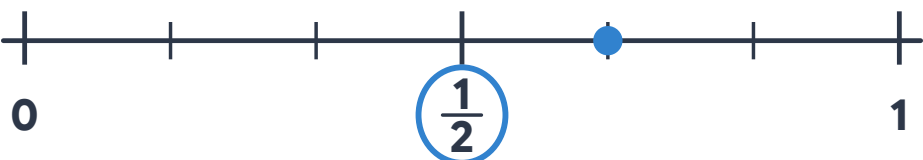


$\frac{2}{3}$
0 $\frac{1}{2}$ **1**

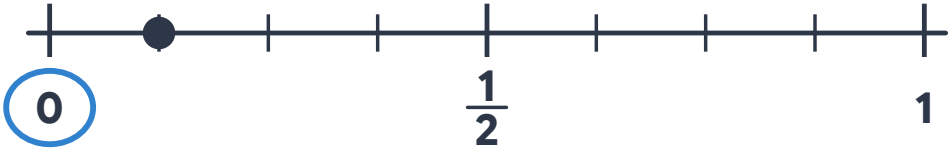
Benchmark Fractions

Use the number line. Circle the closest of 0, $\frac{1}{2}$ or 1.

Mark each fraction with a dot on its number line.

Example	$\frac{5}{8}$	
1.	$\frac{1}{6}$	
2.	$\frac{9}{10}$	
3.	$\frac{4}{6}$	

Write the fraction at each dot.

4.	$\frac{1}{8}$	
5.	$\frac{6}{10}$	
6.	$\frac{5}{6}$	

Benchmark Fractions

Is each fraction more or less than $\frac{1}{2}$?

Find half of the denominator. Then circle.

Example

$$\frac{3}{8}$$

Half of 8 is 4

less than $\frac{1}{2}$ **more than $\frac{1}{2}$**

1.

$$\frac{5}{6}$$

Half of 6 is 3

less than $\frac{1}{2}$ **more than $\frac{1}{2}$**

2.

$$\frac{6}{10}$$

Half of 10 is 5

less than $\frac{1}{2}$ **more than $\frac{1}{2}$**

3.

$$\frac{1}{10}$$

Half of 10 is 5

less than $\frac{1}{2}$ more than $\frac{1}{2}$

4.

$$\frac{2}{6}$$

Half of 6 is 3

less than $\frac{1}{2}$ more than $\frac{1}{2}$

5.

$$\frac{5}{8}$$

Half of 8 is 4

less than $\frac{1}{2}$ **more than $\frac{1}{2}$**

Sort the fractions. Write each one in the right box.

$$\frac{2}{3}$$



$$\frac{1}{8}$$



$$\frac{2}{5}$$



$$\frac{9}{10}$$



$$\frac{4}{6}$$



$$\frac{1}{3}$$



$$\frac{7}{8}$$



$$\frac{3}{5}$$



$$\frac{4}{10}$$



$$\frac{1}{6}$$



Less than $\frac{1}{2}$

$$\frac{1}{8}$$

$$\frac{2}{5}$$

$$\frac{1}{3}$$

$$\frac{4}{10}$$

$$\frac{1}{6}$$

More than $\frac{1}{2}$

$$\frac{2}{3}$$

$$\frac{9}{10}$$

$$\frac{4}{6}$$

$$\frac{7}{8}$$

$$\frac{3}{5}$$

Benchmark Fractions

Compare each fraction with 0, $\frac{1}{2}$ or 1. Write $<$, $>$ or $=$.

Signs



is less than



is greater than



is equal to

Example

$$\frac{3}{8} < \frac{1}{2}$$

1.

$$\frac{5}{5} = 1$$

2.

$$\frac{2}{3} > \frac{1}{2}$$

3.

$$\frac{1}{6} > 0$$

4.

$$\frac{7}{8} < 1$$

5.

$$\frac{4}{8} = \frac{1}{2}$$

6.

$$\frac{2}{5} < \frac{1}{2}$$

7.

$$\frac{0}{3} = 0$$

8.

$$\frac{9}{10} > \frac{1}{2}$$

9.

$$\frac{1}{10} < \frac{1}{2}$$

10.

$$\frac{6}{6} = 1$$

11.

$$\frac{3}{5} > \frac{1}{2}$$

12.

$$\frac{5}{6} < 1$$

13.

$$\frac{4}{10} > 0$$

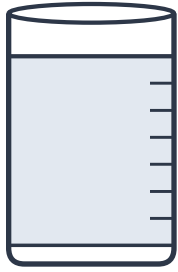
Benchmark Fractions

Is each amount closest to 0, $\frac{1}{2}$ or 1?

Read about each picture. Circle the words that fit.

Example

The glass is $\frac{7}{8}$ full.

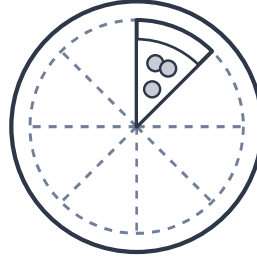


almost empty

about half

almost full

1. $\frac{1}{8}$ of the pizza is left.

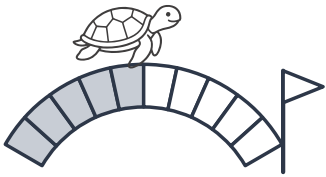


almost none

about half

almost all

2. Turtle walked $\frac{5}{10}$ of the path.

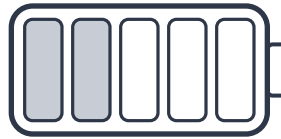


just started

about halfway

almost there

3. The battery is $\frac{2}{5}$ charged.



almost empty

about half

almost full

Sort. Write each fraction under the benchmark it is closest to.

$\frac{1}{6}$

$\frac{5}{8}$

$\frac{9}{10}$

$\frac{0}{3}$

$\frac{4}{4}$

$\frac{2}{3}$

$\frac{1}{10}$

$\frac{5}{6}$

$\frac{4}{10}$

Close to 0

$\frac{1}{6}$

$\frac{0}{3}$

$\frac{1}{10}$

Close to $\frac{1}{2}$

$\frac{5}{8}$

$\frac{2}{3}$

$\frac{4}{10}$

Close to 1

$\frac{9}{10}$

$\frac{4}{4}$

$\frac{5}{6}$