Fractions on a Number Line Worksheets
Fractions on a Number Line

To find a fraction on a number line:
- Count the spaces between the whole numbers
- That is your denominator or the bottom number
- Count the spaces on the top until you reach the dot
- This is your numerator or the top number

Fill in the Denominator

0 \[\frac{1}{3}\] 2 \[\frac{1}{3}\] 3 \[\frac{1}{3}\] 1

0 \[\frac{1}{5}\] \[\frac{2}{5}\] \[\frac{3}{5}\] \[\frac{4}{5}\] 1

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Fill in the Denominator

0 \( \frac{1}{6} \) \( \frac{2}{6} \) \( \frac{3}{6} \) \( 4 \) \( \frac{5}{6} \) 1

0 \( \frac{1}{7} \) 2 \( \frac{3}{7} \) \( \frac{4}{7} \) \( \frac{5}{7} \) \( \frac{6}{7} \) 1

0 \( \frac{1}{8} \) \( \frac{2}{8} \) 3 \( \frac{4}{8} \) \( \frac{5}{8} \) \( \frac{6}{8} \) 7 1

0 \( \frac{1}{9} \) 2 \( \frac{3}{9} \) \( \frac{4}{9} \) 5 \( \frac{6}{9} \) \( \frac{7}{9} \) \( \frac{8}{9} \) 1
Fractions on a Number Line

To find a fraction on a number line:
1. Count the spaces between the whole numbers
2. That is your denominator or the bottom number
3. Count the spaces on the top until you reach the dot
4. This is your numerator or the top number

Fill in the Numerator:

- \( \frac{1}{3} \)
- \( \frac{2}{3} \)
- \( \frac{3}{4} \)
- \( \frac{4}{5} \)
- \( \frac{5}{6} \)
Fractions on a Number Line

To find a fraction on a number line:
- Count the spaces between the whole numbers
- That is your denominator or the bottom number
- Count the spaces on the top until you reach the dot
- This is your numerator or the top number

Fill in the Numerator

0 1 2 3 4 5 6 7 8 9

6

7

8

9
Fractions on a Number Line

To find a fraction on a number line:

- Count the spaces between the whole numbers
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- This is your numerator or the top number

Write the fractions in the box.

0 1

1

3

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- That is your denominator or the bottom number
- Count the spaces on the top until you reach the dot
- This is your numerator or the top number

Write the fractions in the box.
Fractions on a Number Line
Fill in the Fractions in the Box.

2 3

4 5

6 7

8 9
Fractions on a Number Line
Fill in the Fractions in the Box.

2  3

4  5

6  7

8  9
Fractions on a Number Line

Fill in the Fractions in the Box.

2 3

4 5

6 7

8 9
Fractions on a Number Line
Fill in the Fractions in the Box.

2 3  

4 5  

6 7  

8 9  

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Fractions on a Number Line

Write in the Missing Numbers

- \[0\]
- \[\frac{1}{3}\]
- \[\frac{2}{4}\]
- \[\frac{4}{5}\]
- \[\frac{1}{6}\]
- \[\frac{3}{6}\]
- \[\frac{1}{6}\]
Fractions on a Number Line

Write in the Missing Numbers
Fractions on a Number Line

Write the fractions in the lines.

\[ a = \underline{\quad} \]

\[ a = \underline{\quad} \]

\[ a = \underline{\quad} \]

\[ a = \underline{\quad} \]

\[ a = \underline{\quad} \]

\[ a = \underline{\quad} \]

\[ a = \underline{\quad} \]

\[ b = \underline{\quad} \]
Fractions on a Number Line

Write the fractions in the lines.

0  a  b  c  d  l

a = _________

b = _________

c = _________

d = _________

0  a  b  l

a = _________

b = _________

0  a  b  c  d  l

a = _________

b = _________

c = _________

d = _________
Fractions on a Number Line ~ Mixed Numbers

Write in the Missing Numbers

1 \[ \square \] \[ \frac{2}{3} \] 2

1 \[ \frac{1}{4} \] \[ \frac{2}{4} \] \[ \square \] 2

1 \[ \frac{1}{5} \] \[ \frac{3}{5} \] \[ \square \] \[ \square \] 2

1 \[ \frac{1}{6} \] \[ \frac{2}{6} \] \[ \square \] \[ \square \] \[ \frac{5}{6} \] 2

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Fractions on a Number Line ~ Mixed Numbers

Write in the Missing Numbers

2 2 2 2 2
2 3 2 4 6
2 7 2 7 2

2 1 2 4 5 7 2
2 8 3 8 8 8 8

3 3 3 4 6 7 8

3 1 3 4 5 7 9
3 10 3 10 3 10

4 1 3 5 7 9 10
4 11 11 11 11 11

4 1 2 5 6 7 10
4 12 12 12 12 12
Fractions on a Number Line ~ Mixed Numbers

Write the fractions in the lines.

\[
\begin{array}{ll}
a = \_\_\_\_\_\_ & b = \_\_\_\_\_\_\\
c = \_\_\_\_\_\_ & d = \_\_\_\_\_\_\\
\end{array}
\]

\[
\begin{array}{ll}
a = \_\_\_\_\_\_ & b = \_\_\_\_\_\_\\
\end{array}
\]

\[
\begin{array}{ll}
a = \_\_\_\_\_\_ & b = \_\_\_\_\_\_\\
\end{array}
\]
Fractions on a Number Line ~ Mixed Numbers
Write the fractions in the box.

- [ ]
- [ ]
- [ ]
- [ ]
- [ ]
- [ ]
Fractions on a Number Line ~ Mixed Numbers

Fill in the Fractions in the Box.
Fractions on a Number Line ~ Mixed Numbers

Fill in the Fractions in the Box.
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