

NAME: \_\_\_\_\_

## Purpose

To find and name points for fractions and mixed numbers on a number line

## Math Words

**1 unit**

The space between 9 and 10 on a number line is 1 unit.

\_\_\_\_\_

**mixed number**

The number  $2\frac{5}{6}$  is a mixed number and means two wholes plus five sixths.

\_\_\_\_\_

**point**

A dot on a number line shows where the point for a number is.

\_\_\_\_\_

## Starter Problem

Draw and label a point on the number line to show  $\frac{3}{4}$ .



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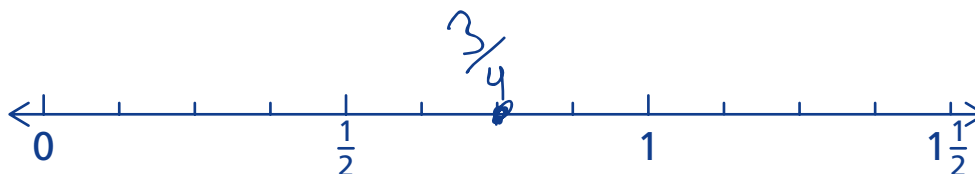


## Student Thinking



James

The whole unit is divided into eighths, so I had to think of fourths in my mind. It's halfway between  $\frac{1}{2}$  and 1.



Mari

It's at the third mark because you count over 3, and it's 4 in all.

Pitfall



## Things to Remember

- \* \_\_\_\_\_
- \* \_\_\_\_\_
- \* \_\_\_\_\_
- \* \_\_\_\_\_

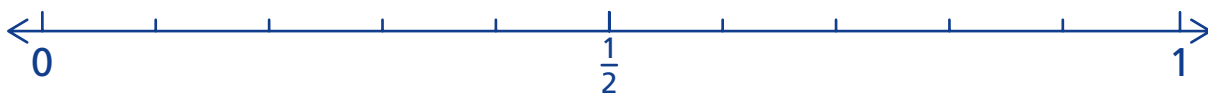


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## Our Turn

Draw and label a point to show where the number is on each number line.

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



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



3.  $1\frac{1}{4}$



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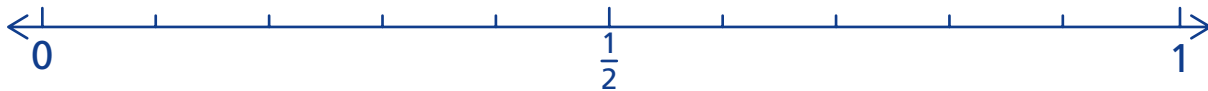
## My Turn

Draw and label a point to show where the number is on each number line.

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



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



3.  $1\frac{5}{8}$

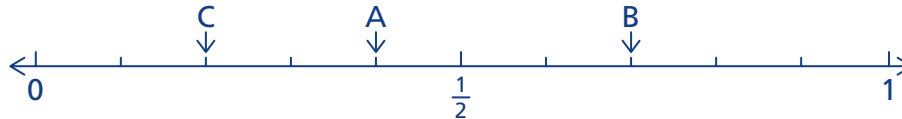


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**Multiple Choice Mini Lesson**

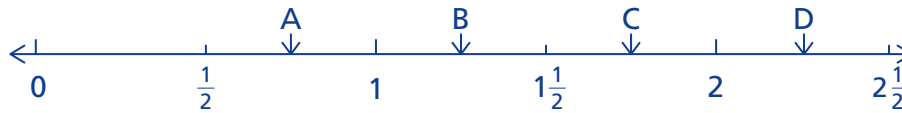
Fill in the circle next to the answer you choose.

1. Which arrow points to  $\frac{2}{5}$  on the number line?



☐ A                      ☐ B                      ☐ C                      ☐ not given

2. Which arrow points to  $2\frac{1}{4}$  on the number line?



☐ A                      ☐ B                      ☐ C                      ☐ D

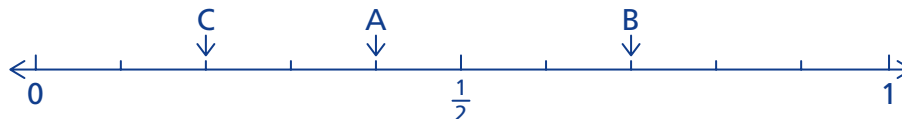


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**Multiple Choice Mini Lesson**

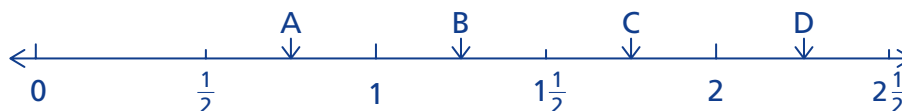
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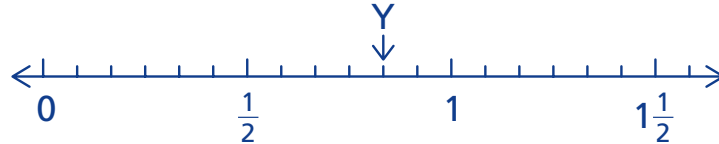


☐ A                      ☐ B                      ☐ C                      ☐ D

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## Writing Task Mini Lesson

Explain how you know that point Y on this number line is  $\frac{5}{6}$ . You may draw a picture or use a number line to help you explain.



# Fractions on a Number Line

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## Writing Task Mini Lesson

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