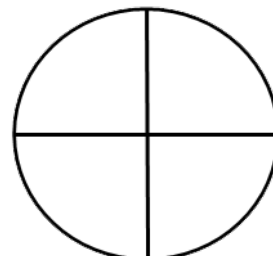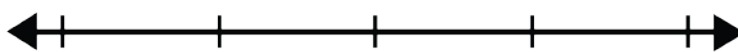Name: _____

Exploring Fractions on a Number Line

Color the shape to show the fraction.
Show the fraction on the number line.

The fraction is $\frac{1}{4}$.
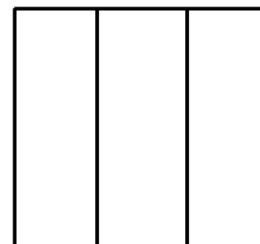
Color the fraction by coloring the shape.

Show the fraction on the number line.

The fraction is $\frac{2}{3}$.
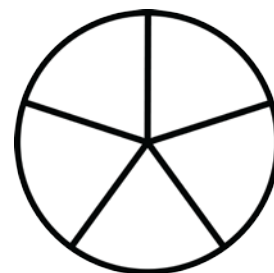
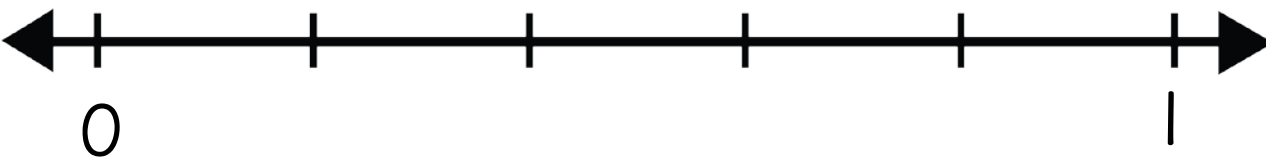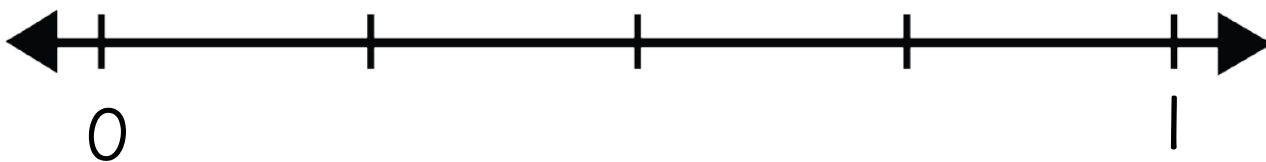Color the fraction by coloring the shape.

Show the fraction on the number line.

The fraction is $\frac{2}{3}$.
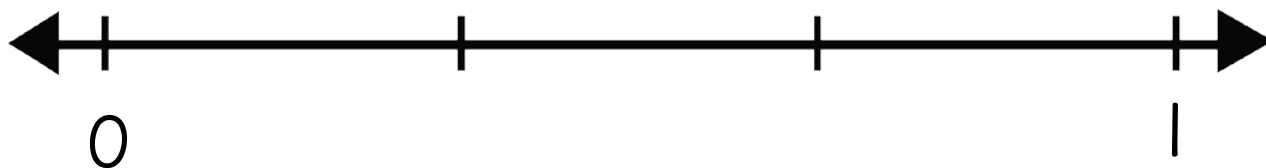
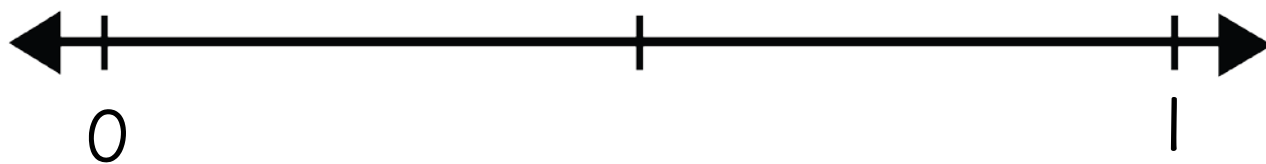Color the fraction by coloring the shape.

Show the fraction on the number line.

Name: _____

Fractions on a Number Line

Label the spots on the number line with fractions.

0   1

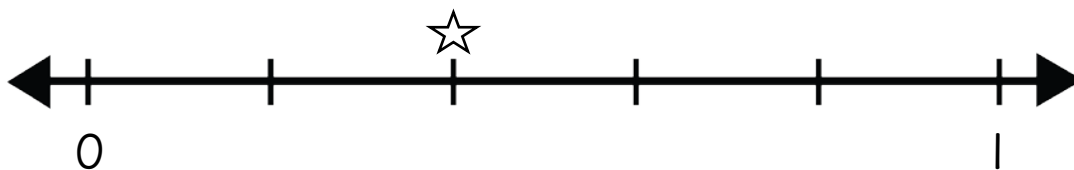0   1

0   1

0   1

Exploring Fractions on a Number Line

What fraction does the star show on each number line show?

The fraction is:

The fraction is:

The fraction is:

The fraction is:

The fraction is:
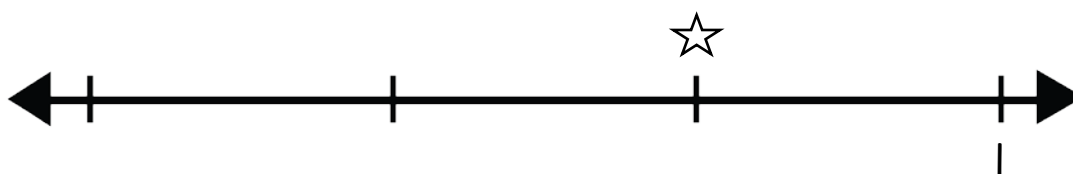
Exploring Fractions on a Number Line
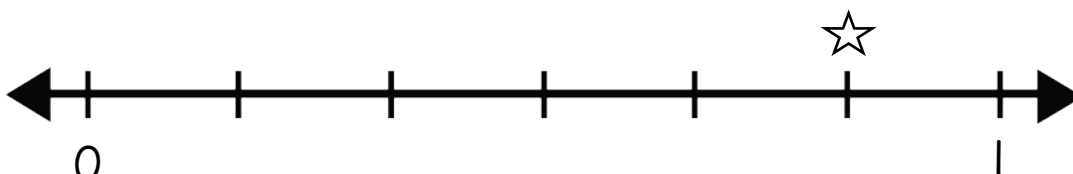
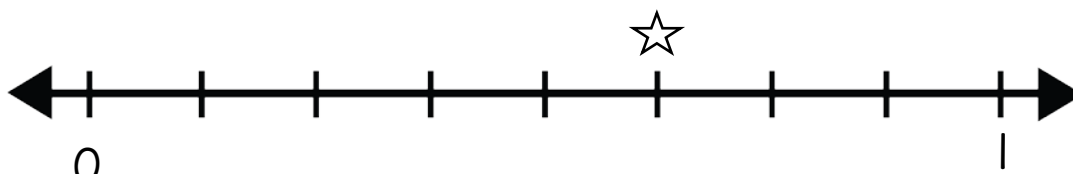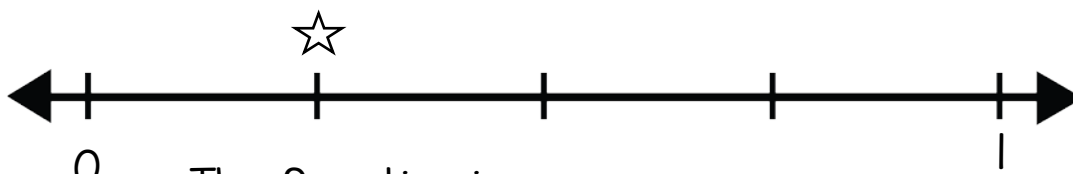What fraction does the star show on each number line show?

The fraction is:
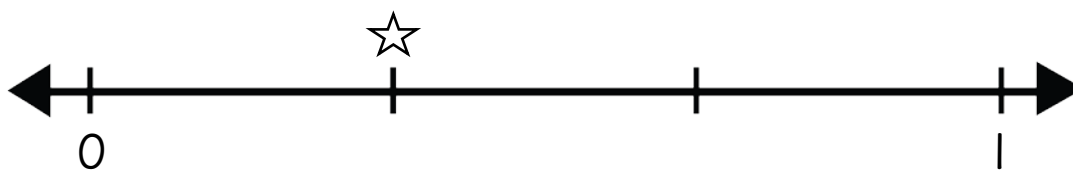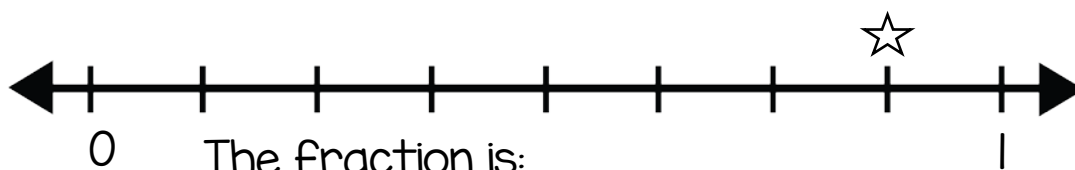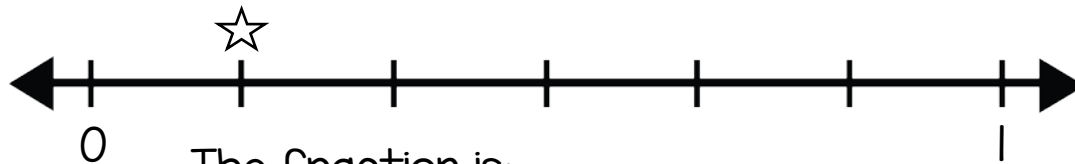
The fraction is:
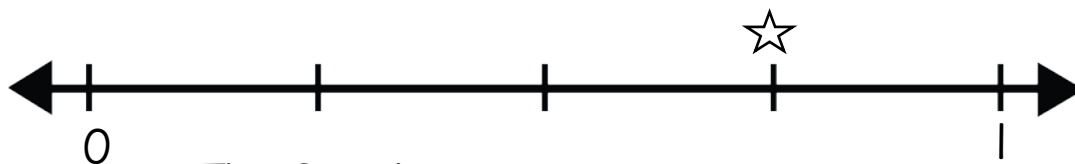
The fraction is:
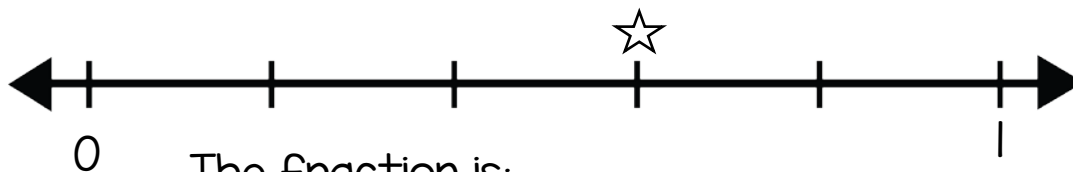
The fraction is:

The fraction is:

Name: _____

Fractions on a Number Line

Fill in the missing fractions.

0 □ □ □ □ 1 □ □ □ □ 2

0 □ □ □ 1 □ □ □ 2 □ □

0 □ □ □ □ □ 1 □ □ □ □
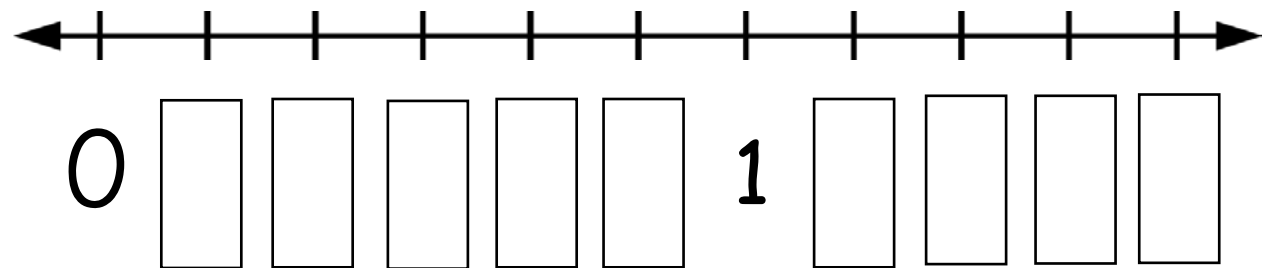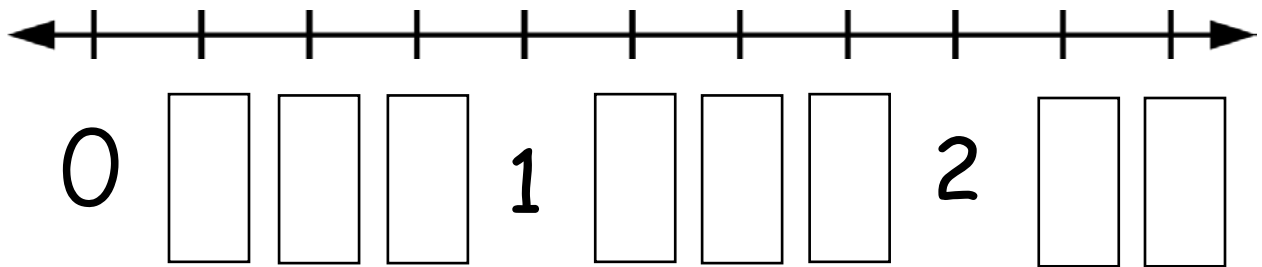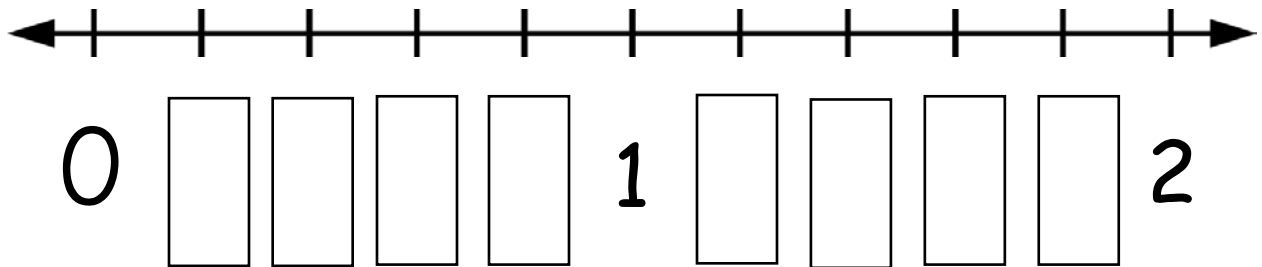
Name: _____

Fractions on a Number Line

Write the missing fractions or mixed numbers on the number line.

0 $\dfrac{1}{10}$ $\dfrac{2}{10}$ $\dfrac{3}{10}$ ☐ $\dfrac{5}{10}$ ☐ ☐ ☐ ☐ 1

0 $\dfrac{1}{4}$ $\dfrac{2}{4}$ ☐ 1 ☐ $1\dfrac{2}{4}$ ☐ ☐ $2\dfrac{1}{4}$ ☐

0 $\dfrac{1}{3}$ $\dfrac{2}{3}$ ☐ $1\dfrac{1}{3}$ ☐ ☐ $2\dfrac{2}{3}$ ☐ ☐
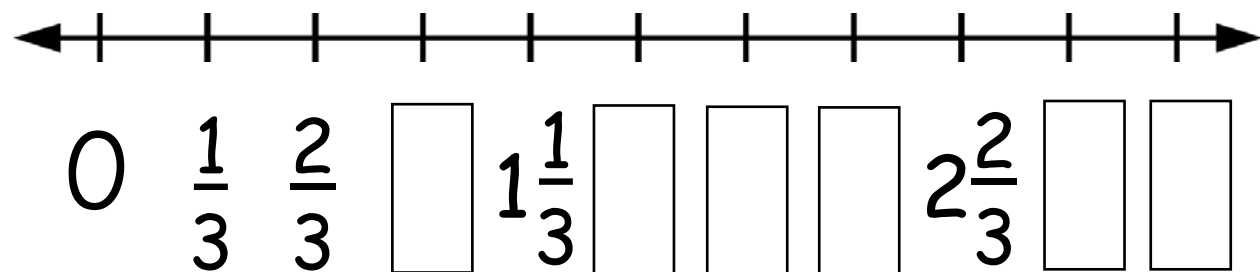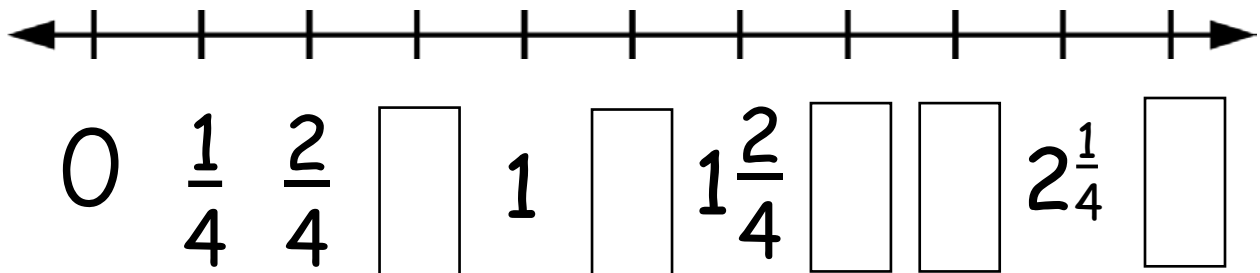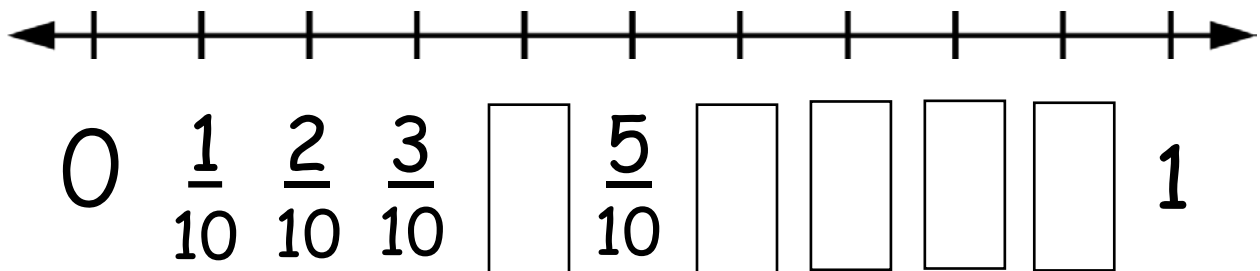
Start with the 0 and 1 cards. Find the fractions that have 4 as the denominator. Create a number line using the cards.

Start with the 0 and 1 cards. Find the fractions that have 5 as the denominator. Create a number line using the cards.

Start with the 0 and 1 cards. Find the fractions that have 5 as the denominator. Create a number line using the cards.

Start with the 0 and 1 cards. Find the fractions that have 6 as the denominator. Create a number line using the cards.

Start with the 0 and 1 cards. Find the fractions that have 7 as the denominator. Create a number line using the cards.

Start with the 0 and 1 cards. Find the fractions that have 8 as the denominator. Create a number line using the cards.

Make a number line that has one fraction in the middle and two whole numbers.

Pick any four cards. Create a number line using the cards.

Pick two whole numbers and three fractions. Create a number line using the cards.

Make a number line that has three fractions evenly spaced and two whole numbers.

Make a number line that has four fractions evenly spaced and two whole numbers.

Pick any five cards. Create a number line using the cards.

0

$$\frac{1}{2}$$

$$\frac{1}{4}$$

$$\frac{2}{4}$$

$$\frac{3}{4}$$

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

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

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

$$\frac{4}{5}$$

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

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

$$\frac{3}{6}$$

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

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

$$\frac{1}{7}$$

$$\frac{2}{7}$$

$$\frac{3}{7}$$

$$\frac{4}{7}$$

$$\frac{5}{7}$$

$$\frac{6}{7}$$

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

$$\frac{2}{8}$$

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

$$\frac{4}{8}$$

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

$$\frac{6}{8}$$

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

$$\frac{6}{8}$$

$$\frac{1}{9}$$

$$\frac{2}{9}$$

$$\frac{3}{9}$$

$$\frac{4}{9}$$

$$\frac{5}{9}$$

$$\frac{6}{9}$$

$$\frac{7}{9}$$

$$\frac{8}{9}$$

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

$$\frac{2}{10}$$

$$\frac{3}{10}$$

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

$$\frac{5}{10}$$

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

$$\frac{7}{10}$$

$$\frac{8}{10}$$

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

0

1

2

3

4

5

6

7

8

9

10

0

$$\frac{1}{2}$$

$$\frac{1}{4}$$

$$\frac{2}{4}$$

$$\frac{3}{4}$$

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

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

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

$$\frac{4}{5}$$

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

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

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$$\frac{6}{7}$$

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

$$\frac{2}{8}$$

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

$$\frac{4}{8}$$

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

$$\frac{6}{8}$$

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

$$\frac{6}{8}$$

$$\frac{1}{9}$$

$$\frac{2}{9}$$

$$\frac{3}{9}$$

$$\frac{4}{9}$$

$$\frac{5}{9}$$

$$\frac{6}{9}$$

$$\frac{7}{9}$$

$$\frac{8}{9}$$

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

$$\frac{2}{10}$$

$$\frac{3}{10}$$

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

$$\frac{5}{10}$$

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

$$\frac{7}{10}$$

$$\frac{8}{10}$$

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

0

1

2

3

4

5

6

7

8

9

10