# Fraction Skills

	I can understand and define fractions.
	I can name fraction models.
	I can draw fraction models.
	I can understand that fractions have to have parts or pieces of equal sizes.
	I can plot and name fractions on a number line.
	I can determine if fractions are equivalent from models.
	I can create multiples for given numbers and use those multiples to create equivalent fractions with the same denominator.
	I can determine if fractions are equivalent by making the denominators the same.
	I can generate equivalent fractions.
	I can compare fractions with models.
	I can compare fractions by making the denominators the same.
	I can compare fractions by comparing each fraction to ½.
	I can rename fractions as wholes.
	I can rename improper fractions as mixed numbers.
	I can add and subtract fractions with like denominators.
	I can solve word problems involving addition and subtraction of fractions with like denominators.
	I can add and subtract mixed numbers with like denominators.
	I can subtract mixed numbers when regrouping is necessary.
	I can solve word problems involving addition and subtraction of mixed numbers with like denominators.
	I can multiply fractions by whole numbers using models.
	I can multiply whole numbers by fractions using models.
	I can solve word problems involving multiplication of fractions and whole numbers.

Name _____ Date _____

Fraction Assessment
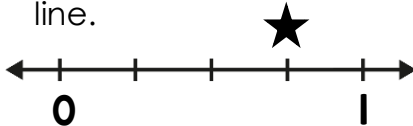
1 What are fractions?

2 Name the fraction shown.
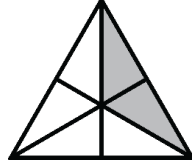
3 Draw a model to represent the fraction shown.

$$\frac{2}{3}$$
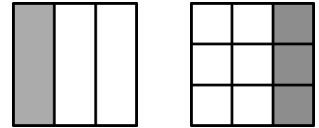
4 Name the fraction shown on the number line.

0   1

5 Plot the fraction shown on a number line.

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

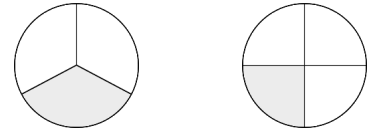**6** Determine if the fractions are equivalent. Write how you know.

7 Determine if the fractions are equivalent. Write how you know.

$$\frac{5}{8} \qquad \frac{1}{2}$$

8 Generate two equivalent fractions for the fraction shown.

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

9 Compare the fractions using <, >, or =.

10 Compare the fractions using <, >, or =. Explain.

$$\frac{2}{3} \qquad \frac{5}{6}$$

11 Rename the fraction as a whole number.

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

12 Rename the improper fraction as a mixed number.
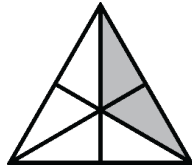
$$\frac{9}{4}$$

Fraction Assessment

1 What are fractions?

Fractions are parts of wholes or parts of sets/groups.

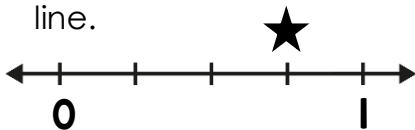**2** Name the fraction shown.

$\frac{2}{6}$ or $\frac{1}{3}$

3 Draw a model to represent the fraction shown.

$\frac{2}{3}$

Answers may vary. Check model for accuracy.

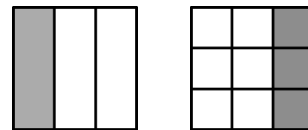**4** Name the fraction shown on the number line.

$\frac{3}{4}$

5 Plot the fraction shown on a number line.

$\frac{1}{3}$

Answers may vary. Check number line for accuracy.

6 Determine if the fractions are equivalent. Write how you know.

Yes, they are equivalent. Explanations may vary.

7 Determine if the fractions are equivalent. Write how you know.
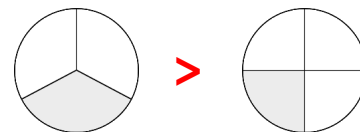
$\frac{5}{8}$ $\frac{1}{2}$

No, they are not equivalent.

8 Generate two equivalent fractions for the fraction shown.

$\frac{1}{4}$

Answers may vary.

$\frac{2}{8}$ $\frac{3}{12}$ $\frac{4}{16}$

9 Compare the fractions using <, >, or =.

>

10 Compare the fractions using <, >, or =. Explain.

$\frac{2}{3}$ < $\frac{5}{6}$

Explanations may vary.

11 Rename the fraction as a whole number.

$\frac{8}{8}$

1

12 Rename the improper fraction as a mixed number.

$\frac{9}{4}$

$2\frac{1}{4}$

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Name _____ **Date** _____

Fraction Assessment

1 Solve.

$$\frac{1}{3} + \frac{1}{3} =$$

2 Solve.

$$\frac{3}{4} - \frac{2}{4} =$$

3 Solve.

$$2\frac{1}{6} + 1\frac{4}{6} =$$

4 Solve.

$$3\frac{2}{3} - 2\frac{1}{3} =$$

5 Solve.

$$3\frac{1}{4} - 1\frac{3}{4} =$$

6 Solve.

$$\frac{1}{3} \times 6 =$$

7 Solve.

$$4 \times \frac{1}{4} =$$

8 Jorge ran $\frac{1}{4}$ of a mile on Tuesday without stopping. On Wednesday, he ran $\frac{3}{4}$ of a mile without stopping. How much farther did he run without stopping on Wednesday?

9 To make a batch of her famous cookies, Mrs. Wiu needs $\frac{1}{2}$ of a cup of milk. How much milk will Mrs. Wiu need to make three batches of cookies?

Fraction Assessment

1 Solve.

$$\frac{1}{3} + \frac{1}{3} =$$

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

2 Solve.

$$\frac{3}{4} - \frac{2}{4} =$$

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

3 Solve.

$$2\frac{1}{6} + 1\frac{4}{6} =$$

$$3\frac{5}{6}$$

4 Solve.

$$3\frac{2}{3} - 2\frac{1}{3} =$$

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

5 Solve.

$$3\frac{1}{4} - 1\frac{3}{4} =$$

$$1\frac{2}{4} \text{ or } 1\frac{1}{2}$$

6 Solve.

$$\frac{1}{3} \times 6 =$$

$$\frac{6}{3} = 2$$

7 Solve.

$$4 \times \frac{1}{4} =$$

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

8 Jorge ran $\frac{1}{4}$ of a mile on Tuesday without stopping. On Wednesday, he ran $\frac{3}{4}$ of a mile without stopping. How much farther did he run without stopping on Wednesday?

$$\frac{2}{4} \text{ or } \frac{1}{2} \text{ of a mile farther}$$

9 To make a batch of her famous cookies, Mrs. Wiu needs $\frac{1}{2}$ of a cup of milk. How much milk will Mrs. Wiu need to make three batches of cookies?

$$\frac{3}{2} = 1\frac{1}{2} \text{ cups of milk}$$

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