

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 $\frac{1}{2}$.

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.

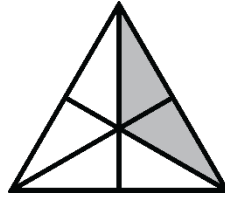
Name: _____

Date: _____

FRACTION SKILLS: ASSESSMENT ¹

What are fractions?

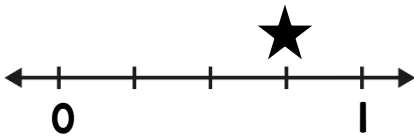
Name the fraction shown.



Draw a model to represent the fraction shown.

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

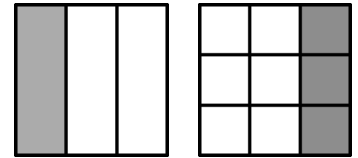
Name the fraction shown on the number line.



Plot the fraction shown on a number line.

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

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



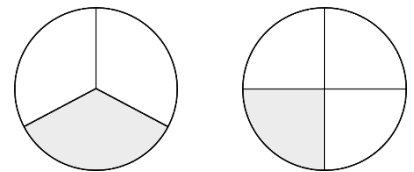
Determine if the fractions are equivalent. Write how you know.

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

Generate two equivalent fractions for the fraction shown.

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

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



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

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

Rename the fraction as a whole number.

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

Rename the improper fraction as a mixed number.

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

Name: _____

Date: _____

FRACTION SKILLS: ASSESSMENT ²

Solve.

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

Solve.

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

Solve.

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

Solve.

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

Solve.

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

Solve.

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

Solve.

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

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?

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?

Name: Answer Key

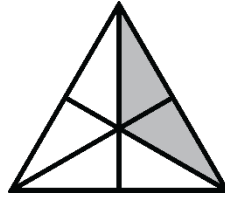
Date: _____

FRACTION SKILLS: ASSESSMENT ¹

What are fractions?

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

Name the fraction shown.



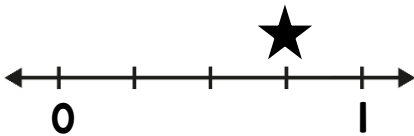
$\frac{2}{6}$ or $\frac{1}{3}$

Draw a model to represent the fraction shown.

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

Check model for accuracy.

Name the fraction shown on the number line.



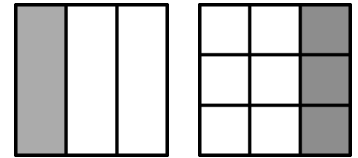
$\frac{3}{4}$

Plot the fraction shown on a number line.

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

Check number line for accuracy.

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



Yes, they are equivalent.

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

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

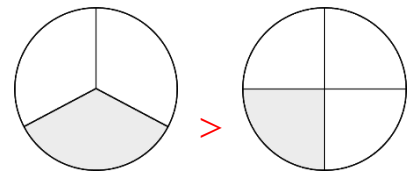
No, they are not equivalent.

Generate two equivalent fractions for the fraction shown.

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

Answers may vary.
 $\frac{2}{8}$, $\frac{3}{12}$, $\frac{4}{16}$

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



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

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

Rename the fraction as a whole number.

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

1

Rename the improper fraction as a mixed number.

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

$2 \frac{1}{4}$

Name: Answer Key

Date: _____

FRACTION SKILLS: ASSESSMENT ²

Solve.

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

 $\frac{2}{3}$

Solve.

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

 $\frac{1}{4}$

Solve.

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

 $3\frac{5}{6}$

Solve.

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

 $1\frac{1}{3}$

Solve.

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

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

Solve.

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

 $6/3 = 2$

Solve.

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

 $4/4 = 1$

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?

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

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?

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

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