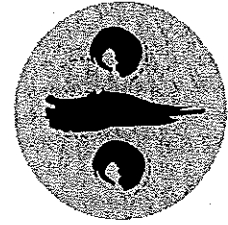


Name:

Date:



Concept of Dividing Fractions

How many _____ are in a _____?

Dividing Whole Numbers by Fractions: Draw the problem out to find the solution.

$$5 \div \frac{1}{4}$$

How many _____ are in _____?

$$10 \div \frac{1}{3}$$

How many _____ are in _____?

$$9 \div \frac{1}{5}$$

How many _____ are in _____?

$$6 \div \frac{3}{4}$$

How many _____ are in _____?

Name:

Date:

Dividing Fractions by Fractions: Draw the problem out to find the solution.

$$\frac{3}{4} \div \frac{3}{8}$$

How many _____ are in _____?

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

How many _____ are in _____?

$$3\frac{1}{2} \div \frac{1}{4}$$

How many _____ are in _____?

(continued)

F. TLW solve each situation requiring the division or multiplication of proper fractions.

Directions: Draw a picture and solve the problem. Choose any two of the questions and rewrite the question to show the inverse operation; solve.

1. It takes $\frac{1}{4}$ of a yard of ribbon to make one bow. Jean needs to make 12 bows to put in each vase of flowers. Is 4 yards of ribbon enough or too much?
2. The sixth graders sold $6\frac{1}{2}$ pies at the bake sale. Each pie was divided into eighths. How many pieces of pie were sold?
3. Jeff and John had a pizza party. The pizzas were each divided into 10 slices. After the party $\frac{4}{10}$ of one pizza was left. If John and Jeff split the left over pizza, how much did John get?
4. Jeremy runs $\frac{3}{4}$ of a mile every day, 5 days a week. How many miles does he run in a week?

Criteria:	Accurate responses
Proficiency:	100%



Fractions in Division

Checking for Understanding



1. Jane really likes cake. She decides that a serving should be $\frac{3}{5}$ of a cake.

She has 4 cakes. How many servings does she have?

a. Solve the problem by using a diagram.

b. Solve the problem by writing an arithmetic sentence.

c. How does your arithmetic sentence match the diagram?

d. After 6 portions are eaten, how much is left?

e. Why is the answer to the division problem $6\frac{2}{3}$ rather than $6\frac{2}{5}$?

2. Write a real life story that demonstrates the division of fractions. Draw a diagram to illustrate your story and an arithmetic sentence to match the diagram.