

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Unit Rates with Complex Fractions

Directions: In each row below, there is an ODD MAN OUT! Solve each problem and then shade in the box that doesn't belong.

1.

Jessica needs  $\frac{1}{2}$  cup of sugar to make  $\frac{1}{4}$  of her cookie recipe. How much sugar does she need to make the entire recipe?

Elyset can make 4 bracelets in  $2\frac{1}{4}$  hours. How many bracelets can she make per hour?

Julius can walk  $\frac{1}{3}$  of a mile in  $\frac{1}{6}$  of an hour. How far can he walk in one hour?

2.

Liane can read 12 pages of her book in  $2\frac{1}{2}$  minutes. How many pages can she read per minute?

A gas tank can pump 4 gallons in  $\frac{5}{6}$  of a minute. How many gallons can it pump per minute?

$3\frac{1}{5}$  pounds of blueberries costs \$10. What is the cost per pound?

3.

Marlee can complete 13 math problems in  $\frac{4}{5}$  of an hour. How many problems can she complete in one hour?

Hunter can bike  $2\frac{1}{5}$  miles in  $\frac{1}{3}$  of an hour. How far can he bike in one hour?

A farmer can plant  $3\frac{1}{4}$  trees per  $\frac{1}{5}$  of an hour. How many trees can he plant in one hour?

4.

A restaurant uses  $\frac{3}{4}$  cups of sugar to make 7 brownies. How many cups of sugar is used to make one brownie?

Mrs. Hudson can grade  $1\frac{1}{3}$  math papers in 8 seconds. How many math papers can she grade per second?

Mr. Gonzales can paint  $\frac{1}{9}$  of his wall in  $\frac{2}{3}$  of an hour. How much of his wall can he paint per hour?