

FRACTIONAL UNIT RATES

Solve each problem below. Then, use the color that corresponds with each solution to color the picture on the next page.

<p>1 A recipe for sugar cookies requires 2 cups of flour for every $\frac{2}{3}$ cups of sugar. At this rate, how many cups of sugar should be used if 5 cups of flour is included?</p>	<p>2 A 5 pound carton of clementine oranges is priced at \$4.30. What is the price per pound of clementine oranges?</p>
<p>3 In order to make a serving for four, $1\frac{3}{4}$ cups of chopped vegetables are needed. Based on this information, determine the amount of chopped vegetables needed to make a recipe for ten.</p>	<p>4 Asher pays \$156 every 6 weeks for piano lessons. What is the price per year for piano lessons?</p>
<p>5 If $\frac{5}{6}$ gallon of paint covers $\frac{1}{4}$ of the house, then how much paint is needed for the entire house?</p>	<p>6 Laundry detergent is priced 20 ounces for \$3.40 or 14 ounces for \$2.10. What is the unit rate of the laundry detergent that is the better value?</p>
<p>7 A smoothie recipe calls for $2\frac{1}{4}$ cups of frozen mango. If the recipe serves two, how many cups of frozen mango is needed to serve one?</p>	<p>8 A pool pump fills $\frac{1}{6}$ of the pool in $\frac{1}{3}$ hour. How much of the swimming pool is filled in one hour?</p>

RED	YELLOW	PINK	BLUE	LIGHT GREEN	ORANGE	BROWN	PURPLE
0.86	$3\frac{1}{3}$	1,352	$4\frac{3}{8}$	$1\frac{2}{3}$	$1\frac{1}{2}$	$1\frac{1}{8}$	0.15

FRACTIONAL UNIT RATES

Solve each problem. Then, use the color that corresponds with each solution to color the picture below.

