

Name \_\_\_\_\_

# Equivalent Ratio

## Equivalent Ratios in Word Problems.

<p>1) If a recipe calls for 4 cups of flour for every 6 cups of sugar, how many cups of sugar are needed if you use 8 cups of flour?</p> <p><b>12 cups of sugar.</b></p>	<p>2) A car travels 60 miles in 2 hours. At the same rate, how far will it travel in 5 hours?</p> <p><b>150 miles.</b></p>
<p>3) A paint mixture requires 5 gallons of blue paint for every 3 gallons of yellow paint. If you have 15 gallons of blue paint, how many gallons of yellow paint do you need?</p> <p><b>9 gallons of yellow paint.</b></p>	<p>4) A class has 12 boys and 16 girls. If the number of boys is increased to 18, how many girls should there be to keep the same ratio?</p> <p><b>24 girls.</b></p>
<p>5) A machine produces 40 widgets in 5 hours. How many widgets will it produce in 8 hours at the same rate?</p> <p><b>64 widgets.</b></p>	<p>6) In a garden, there are 7 tulips for every 3 roses. If there are 21 tulips, how many roses should there be?</p> <p><b>9 roses.</b></p>
<p>7) A team scores 20 goals in 4 games. At the same rate, how many goals will they score in 10 games?</p> <p><b>50 goals.</b></p>	<p>8) A printer can print 120 pages in 6 minutes. How many pages can it print in 15 minutes at the same rate?</p> <p><b>300 pages.</b></p>