

Algebra

A022-Proportion Word Problems



<p>1. The ratio of boys to girls in a class is 3:4. If there are 12 boys, how many girls are there?</p> <p>A) 6 C) 9 B) 16 D) 12</p>	<p>6. A recipe requires 3 tablespoons of butter for every 4 ounces of flour. How many tablespoons of butter would you need, if you use 6 ounces of flour?</p> <p>A) 8 C) 5 B) 4.5 D) 6</p>
<p>2. The ratio of red to blue marbles in a bag is 8:3. If there are 24 red marbles, how many marbles are blue?</p> <p>A) 24 C) 64 B) 9 D) 19</p>	<p>7. There are 5 catfish for every 2 carp in Grand Lake. If there are 240 carp in Grand Lake, how many catfish are there?</p> <p>A) 84 C) 360 B) 600 D) 480</p>
<p>3. The ratio of boys to girls in a class is 7:4. If there are 28 boys, how many girls are there?</p> <p>A) 21 C) 25 B) 20 D) 16</p>	<p>8. In August of 2008, \$3 was equivalent to 2 Euros. How much money, in dollars, were 23 Euros equivalent to then?</p> <p>A) \$36.00 C) \$69.00 B) \$34.50 D) \$42.66</p>
<p>4. If a recipe requires 2 eggs for every 3 ounces of flour. How many ounces of flour would you need, if you use 5 eggs?</p> <p>A) 6 C) 10 B) 15 D) 7.5</p>	<p>9. The ratio of boys to girls in a class is 3:2. If there are 24 girls, how many boys are there?</p> <p>A) 36 C) 16 B) 23 D) 25</p>
<p>5. The ratio of pennies to nickels in a jar is 7:2. If there are 91 pennies in the jar, how many nickels are in the jar?</p> <p>A) 26 C) 27 B) 30 D) 34</p>	<p>10. The ratio of green to yellow marbles in a bag is 2:7. If there are 42 yellow marbles, how many marbles are green?</p> <p>A) 12 C) 84 B) 37 D) 14</p>