

Algebra

A023-Ratio and Total



<p>1. The ratio of boys to girls in a class is 5:4. If there are 36 students in the class, how many students are boys?</p> <p>A) 7 B) 45 C) 24 D) 20</p>	<p>6. The ratio of ounces of water to ounces of juice in a drink is 3:5. How many ounces of juice are required to make 40 ounces of the drink?</p> <p>A) 5 B) 25 C) 15 D) 24</p>
<p>2. The ratio of swans to geese at a park is 2:9. There are 99 total swans and geese. How many swans are there?</p> <p>A) 22 B) 45 C) 18 D) 11</p>	<p>7. The ratio of two complementary angles is 2:3. What is the measure of the smaller angle?</p> <p>A) 18° B) 30° C) 36° D) 60°</p>
<p>3. The ratio of blue marbles to green marbles in a bowl is 3:4. If there are 84 blue and green marbles, how many marbles are blue?</p> <p>A) 36 B) 12 C) 48 D) 28</p>	<p>8. The ratio of boys to girls in a class is 2:3. If there are 30 students in the class, how many students are girls?</p> <p>A) 18 B) 12 C) 10 D) 6</p>
<p>4. The ratio of chocolate to vanilla candies in a box is 2:5. If there are 35 candies in the box, how many are vanilla?</p> <p>A) 7 B) 25 C) 10 D) 5</p>	<p>9. A solution requires 5 ml of chemical A for every 6 ml of chemical B. How many ml of chemical B are required to make a 66ml solution?</p> <p>A) 6 B) 36 C) 30 D) 11</p>
<p>5. The ratio of two supplementary angles is 1:2. What is the measure of the smaller angle?</p> <p>A) 60° B) 90° C) 120° D) 30°</p>	<p>10. A lake contains 2,160 fish, made up of bass, catfish and carp. The ratio of bass to catfish to carp is 3:4:2. How many carp are there?</p> <p>A) 240 B) 720 C) 480 D) 960</p>