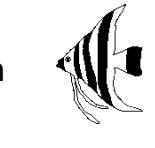




RATIO PART-WHOLE PROBLEMS 6:2

<p>1. Bird Feeder Visitors At a bird feeder, 5 sparrows and 4 starlings show up.</p> <p>a) What is the ratio of sparrows to starlings? b) What is the ratio of sparrows to all birds? c) What proportion of the birds are sparrows?</p>	 <p>a) b) c)</p>
<p>2. In the aquarium There are a group of 7 angelfish and 5 clownfish in an aquarium.</p> <p>a) What is the ratio of clownfish to angelfish? b) What is the ratio of clownfish to all fish? c) What proportion of the fish in the aquarium are clownfish?</p>	 <p>a) b) c)</p>
<p>3. Anyone for a pie? A pie shop bakes some meat pies and some vegetarian pies in the ratio of 8:5.</p> <p>a) What is the ratio of vegetarian pies to all pies? b) What proportion of the pies baked are not vegetarian?</p>	 <p>a) b)</p>
<p>4. Trees forever! A meadow is reforested with a group of oak, maple and birch trees in the ratio of 2:5:3.</p> <p>a) What is the ratio of maple trees to all trees in simplest form? b) What proportion of the trees planted are not birch?</p>	 <p>a) b)</p>
<p>5. Total mix-up Tyger is mixing some brown paint. He uses 2 parts blue to 3 parts red to 1 part yellow.</p> <p>a) Write the ratio of blue paint to all paint and simplify it. b) What proportion of the paint used is yellow?</p>	 <p>a) b)</p>



RATIO PART-WHOLE PROBLEMS 6:2 ANSWERS

<p>1. Bird Feeder Visitors</p> <p>At a bird feeder, 5 sparrows and 4 starlings show up.</p> <p>a) What is the ratio of sparrows to starlings?</p> <p>b) What is the ratio of sparrows to all birds?</p> <p>c) What proportion of the birds are sparrows?</p>	 <p><u>a) 5:4</u></p> <p><u>b) 5:9</u></p> <p><u>c) 5/9</u></p>
<p>2. In the aquarium</p> <p>There are a group of 7 angelfish and 5 clownfish in an aquarium.</p> <p>a) What is the ratio of clownfish to angelfish?</p> <p>b) What is the ratio of clownfish to all fish?</p> <p>c) What proportion of the fish in the aquarium are clownfish?</p>	 <p><u>a) 5:7</u></p> <p><u>b) 5:12</u></p> <p><u>c) 5/12</u></p>
<p>3. Anyone for a pie?</p> <p>A pie shop bakes some meat pies and some vegetarian pies in the ratio of 8:5.</p> <p>a) What is the ratio of vegetarian pies to all pies?</p> <p>b) What proportion of the pies baked are not vegetarian?</p>	 <p><u>a) 5:13</u></p> <p><u>b) 8/13</u></p>
<p>4. Trees forever!</p> <p>A meadow is reforested with a group of oak, maple and birch trees in the ratio of 2:5:3.</p> <p>a) What is the ratio of maple trees to all trees in simplest form?</p> <p>b) What proportion of the trees planted are not birch?</p>	 <p><u>a) 5:10 = 1:2</u></p> <p><u>b) 7/10</u></p>
<p>5. Total mix-up</p> <p>Tyger is mixing some brown paint. He uses 2 parts blue to 3 parts red to 1 part yellow.</p> <p>a) Write the ratio of blue paint to all paint and simplify it.</p> <p>b) What proportion of the paint used is yellow?</p>	 <p><u>a) 2:6 = 1:3</u></p> <p><u>b) 1/6</u></p>