1. Write the number of girls (g), boys (b), and children (c) in each class.
   a) There are 8 boys and 5 girls in a class.  
      b: ____  g: ____  c: ____
   b) There are 4 boys and 7 girls in a class.  
      b: ____  g: ____  c: ____
   c) There are 12 boys and 15 girls in a class.  
      b: ____  g: ____  c: ____
   d) There are 9 girls in a class of 20 children.  
      b: ____  g: ____  c: ____
   e) There are 7 boys in a class of 10 children.  
      b: ____  g: ____  c: ____

2. Write the number of boys, girls and children in each class.
   Then write the fraction of children who are boys and the fraction who are girls in the boxes provided.
   a) There are 5 boys and 6 girls in a class.  
      b: ____  g: ____  c: ____
   b) There are 15 children in the class. 8 are boys.  
      b: ____  g: ____  c: ____

3. Write the fraction of children in the class who are boys and the fraction who are girls.
   a) There are 5 boys and 12 children in the class.  
      b: ____  g: ____
   b) There are 3 boys and 2 girls in the class.  
      b: ____  g: ____
   c) There are 9 girls and 20 children in the class.  
      b: ____  g: ____
   d) The ratio of boys to girls is 5:9 in the class.  
      b: ____  g: ____
   e) The ratio of girls to boys is 7:8 in the class.  
      b: ____  g: ____
   f) The ratio of boys to girls is 10:11 in the class.  
      b: ____  g: ____

4. From the information given, determine the number of girls and boys in each class.
   a) There are 20 children in a class. \( \frac{2}{5} \) are boys.  
      b: ____  g: ____
   b) There are 42 children. \( \frac{3}{7} \) are girls.  
      b: ____  g: ____
   c) There are 15 children.  
      The ratio of girls to boys is 3:2.  
      b: ____  g: ____
   d) There are 24 children.  
      The ratio of girls to boys is 3:5.  
      b: ____  g: ____
5. Find the number of boys and girls in each classroom.
a) In classroom A, there are 25 children: 60% are girls.
b) In classroom B, there are 28 children. The ratio of boys to girls is 3:4.
c) In classroom C, there are 30 children. The ratio of boys to girls is 1:2.

6. For each question below, say which classroom has more girls.
a) In classroom A, there are 40 children. 60% are girls.
   In classroom B, there are 36 children. The ratio of boys to girls is 5:4.
b) In classroom A, there are 28 children. The ratio of boys to girls is 5:2.
   In classroom B, there are 30 children. \( \frac{3}{5} \) of the children are boys.

7. In the word "Whitehorse"…
a) … what is the ratio of vowels to consonants?
b) … what fraction of the letters are vowels?
c) … what percent of the letters are consonants?

8. Look at the circle graph. Estimate the fraction of pets of each type owned according to the graph and complete the chart.

<table>
<thead>
<tr>
<th>Pets</th>
<th>Type</th>
<th>Fraction out of 100</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>dog</td>
<td></td>
<td></td>
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<td>cat</td>
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<tr>
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<td>bird</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9. Write the amounts in order from least to greatest: \( \frac{1}{20} \), 20\%, 0.2. Show your work.

10. Kevin has 360 hockey cards.
    30\% are Toronto Maple Leaf cards, and \( \frac{1}{2} \) are Montreal Canadien cards. The rest are Vancouver Canuck cards.
    How many of each type of card does he have?

11. What percent of a metre stick is 37 cm? Explain.