1. There are 240 students in year 10. {unit fraction}

   $\frac{1}{8}$ of the 240 students have a rabbit.

   Work out how many of the students have a rabbit.

2. There are 240 students in year 10.

   $\frac{3}{8}$ of the 240 students have a cat.

   Work out how many of the students have a cat.

3. There are 240 students in year 10.

   $\frac{1}{5}$ of the 240 students have more than 1 dog at home.

   $\frac{3}{8}$ of the 240 students have no dogs at home.

   The rest of the students have 1 dog at home.

   Work out how many of the students have 1 dog at home.

4. The Villanueva family spent 12 hours travelling on a long weekend.

   The long weekend was 72 hours long.

   Express 12 as a fraction of 72.

   Give your answer in its simplest form.

5. {Questions ask students to work out the number of $\bar{A}$ }

   There were 45 days in Leo's summer holiday of 2014.

   Only $\frac{1}{5}$ of the 45 days were rainy.

   Work out how many days of Leo's summer holiday were not rainy.

6. {Questions are $A \cap B$ only } ... more on Leo's summer holiday

   $\frac{2}{3}$ of the rainy days had a maximum temperature below 20 °C.

   Work out how many days of Leo's summer holiday were

   rainy and had a maximum temperature below 20 °C.

7. {Questions to work out $\bar{A} \cap B$ or $A \cap \bar{B}$ or $\bar{A} \cap \bar{B}$} ... more on Leo's summer holiday

   Leo says the days are either dry or rainy.

   $\frac{3}{4}$ of the dry days had a maximum temperature over 20 °C.

   Work out how many days of Leo's summer holiday were

   dry and had a maximum temperature over 20 °C.