

## Problem Solving- Draw a diagram/picture



Read the question carefully.  
Determine the important information.  
Draw a diagram to represent your thinking.  
Work out your answer.  
Explain your thinking.

Due Monday 13th of March

- 1) Emma is decorating a birthday cake for Jillian. She decorated the top of the circular cake with a ring of 8 roses. In between each rose, she put two candles. How old is Jillian?
- 2) There were five flags flying over the entrance to Great Adventure. Each flag was flying at a different level. The red flag was flying higher than the green one. The yellow flag was lower than the green one. The purple was higher than the green one, but lower than the red one. The blue flag was a little lower than the yellow one. What was the order of the flags from highest to lowest?
- 3) The Boy Scouts were planning a breakfast in the school gym. There were 6 round tables and 4 square tables. 6 people can sit at each round table and 4 people can sit at each square table. How many people can sit at all the tables?
- 4) There were 5 cars in a race. The blue car was in front of the green car. The yellow car was behind the green car. The red car was between the blue and green cars. The orange car was in front of the blue car. What was the order of the cars from first to last?