Understanding the Mastery of Mathematics

Problem Solving (P) or Blue Maths

What does it mean?

Problem solving is the skill of applying maths skills to a new challenge in order to find the solution.

**p** and **q** each stand for whole numbers.

**p + q = 1000**

**p** is 150 **greater** than **q**.

Calculate the numbers **p** and **q**.

What does it look like in Year 6? – *We problem solve every day!*

**80 children predicted who would win the boys’ race at sports day.**

**This pie chart shows their predictions.**

1. **What percentage of the children predicted that Amir would win?**
2. **16 children predicted the winner of the race correctly. Who won the race?**

This shape is a kite. What are the co-ordinates of point D?

