

White Rose Maths – Summer Week 10

Lesson 4 Calculating angles around a point

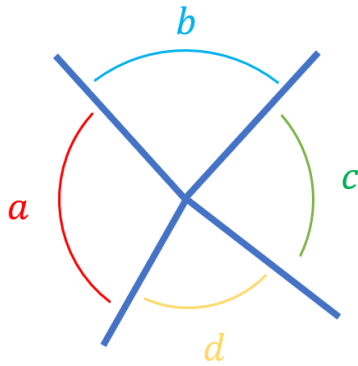
Watch the accompanying video and use the support maths sheets.

Degrees (Angles)

Angles around a point add up to 360°

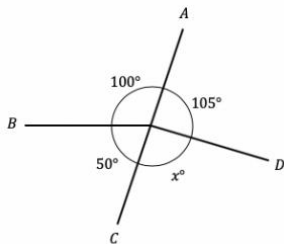
The angles around a point all add up to 360°

$$a + b + c + d = 360^\circ$$



Questions:

To work out the answers you will need to remember that a whole circle equals 360 degrees. You have been given part of the sum, what will you need to do to work out the answer? Example



$$100 + 105 + 50 = 255$$

$$360 - 255 = 105$$

$$x = 105 \text{ degrees}$$