

Morning y6 **Thursday 30th April**

First of all go to **nrich y6 estimating angles**

Activity

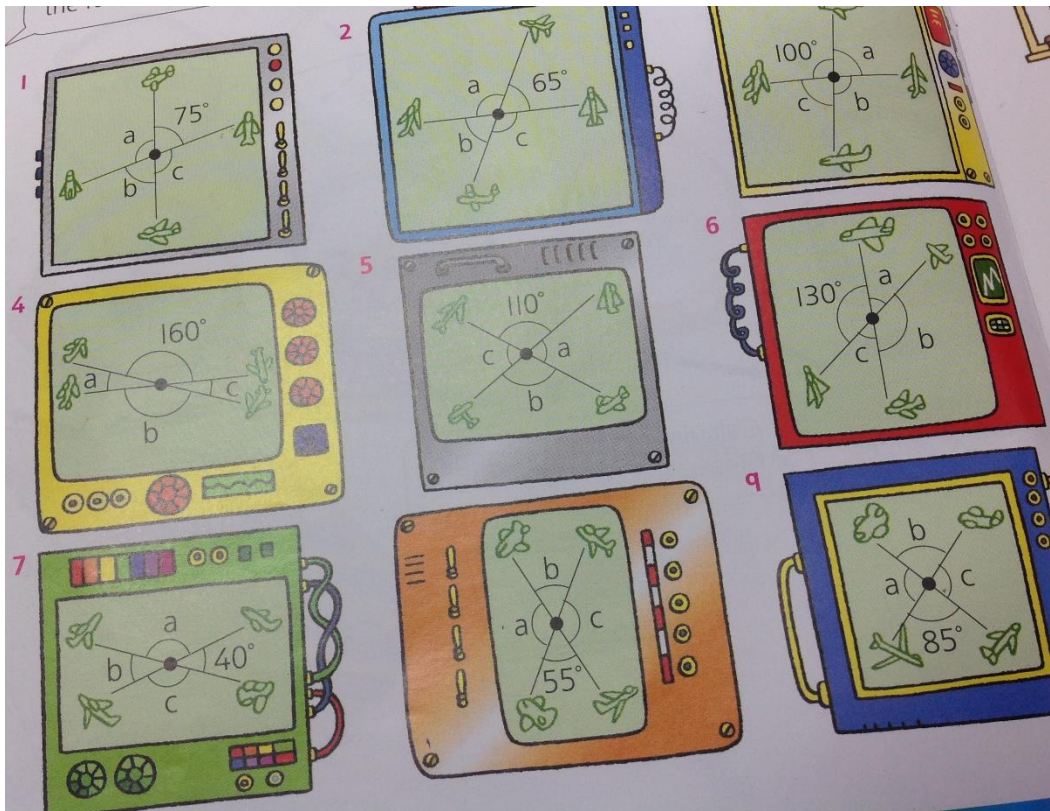
Practice estimating to show that you have a good understanding of acute/obtuse/reflex angles and degree size. You should improve after a few guesses.

Next,

Remembering that angles around a point add up to 360 degrees, **calculate** the following missing angles on the clock faces:



Next, find the missing angles on the radar screens:



Finally, remembering that the internal angles of a quadrilateral also add up to 360 degrees,

Search [quadrilaterals nrich](#)

If you haven't got a protractor at home, create your quadrilaterals and make good estimates of what each angle could possibly be

Scroll down for answers:

These are all answers in degrees: clock faces

1. 125 2. 110 3. 100 4. 120 5. 105
6. 130 7. 125 8. 130

Radar screens:

Measuring and calculating angles

1. $a = 105^\circ$	$b = 75^\circ$	$c = 105^\circ$
2. $a = 115^\circ$	$b = 65^\circ$	$c = 115^\circ$
3. $a = 80^\circ$	$b = 100^\circ$	$c = 80^\circ$
4. $a = 20^\circ$	$b = 160^\circ$	$c = 20^\circ$
5. $a = 70^\circ$	$b = 110^\circ$	$c = 70^\circ$
6. $a = 50^\circ$	$b = 130^\circ$	$c = 50^\circ$
7. $a = 140^\circ$	$b = 40^\circ$	$c = 140^\circ$
8. $a = 125^\circ$	$b = 55^\circ$	$c = 125^\circ$
9. $a = 95^\circ$	$b = 85^\circ$	$c = 95^\circ$