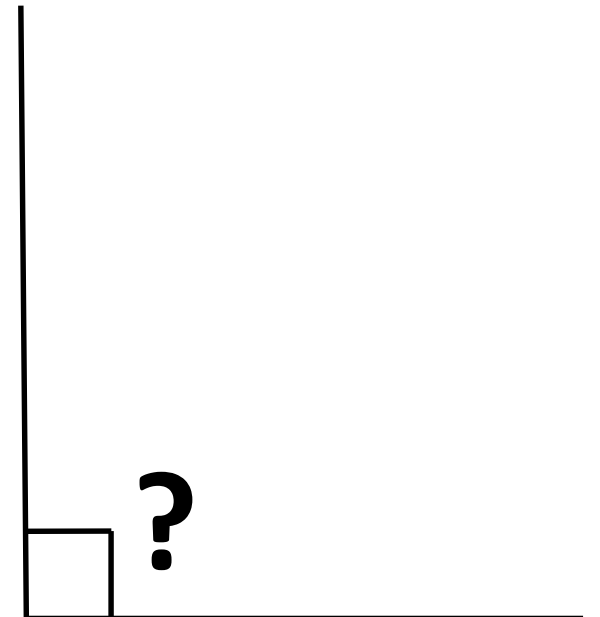
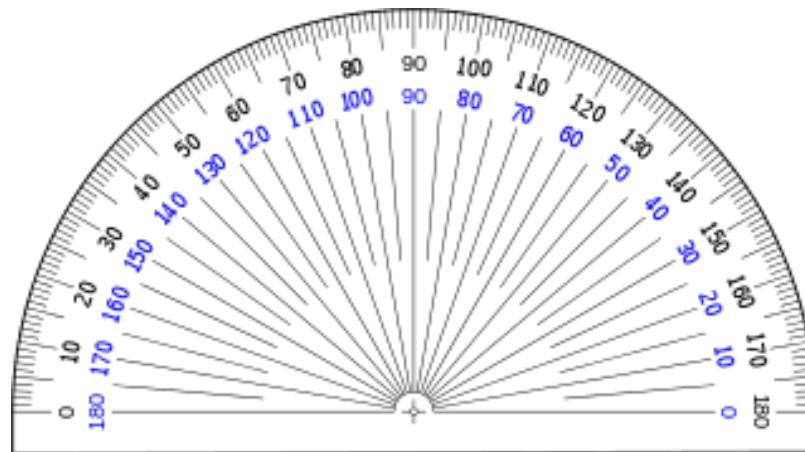
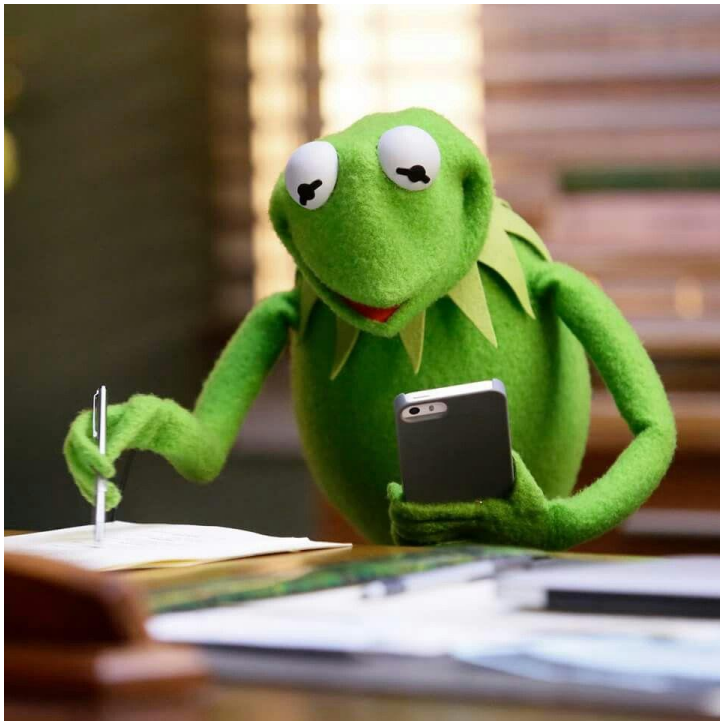


Year 5 Maths Home Learning

Week Four – Day Two

Warm up – Units of time.

Main Learning – Calculate missing angles.





Warm up – Units of Time.

- 1) How many minutes in three-quarters of an hour?
- 2) How many hours in three days?
- 3) How many days in a normal year?
- 4) How many weeks in one year?
- 5) How many days are there altogether in May, June and July?
- 6) How many days in a fortnight?
- 7) How many years in a decade?
- 8) How many years in a century?
- 9) How would I write 7:40 p.m. in 24 hour clock?
- 10) What is 14:15 in 12 hour clock?



Main Learning – Calculating missing angles.

Angle facts we should already know...

Right Angle = 90°

Straight Line = 180°

Three-quarter turn = 270°

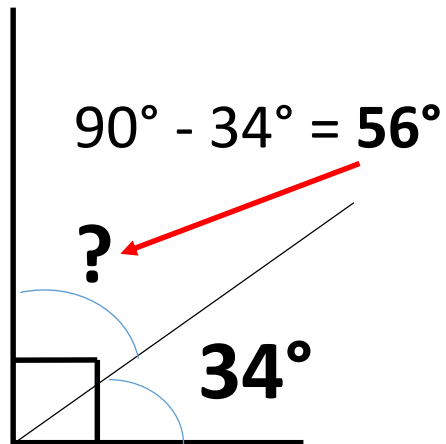
Full turn = 360°

We can then use this information to help us calculate a missing angle using subtraction.

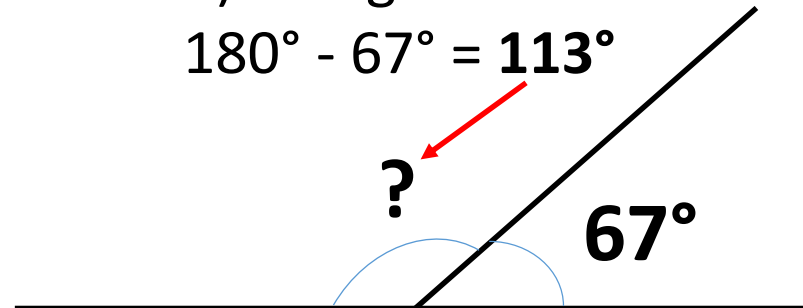
If we know what the size of the whole angle should be, we can then subtract the parts we do know to see what is remaining or missing.

Examples

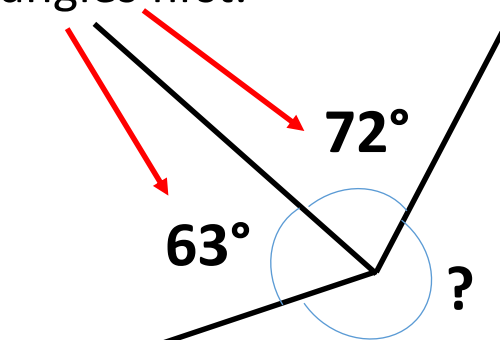
1) The whole angle = 90 degrees and we already have 34 degrees.



2) Straight line = 180°
 $180^\circ - 67^\circ = 113^\circ$



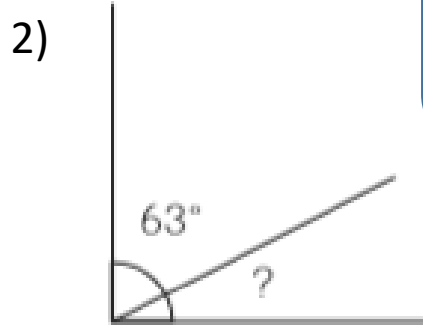
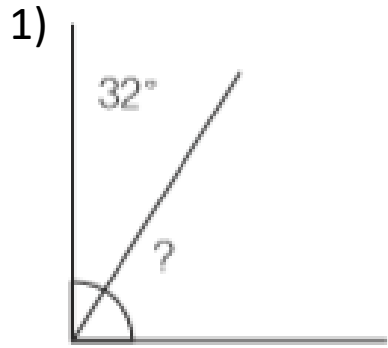
Sometimes we may need to add some angles first.



3) Full turn/circle = 360°
 $63^\circ + 72^\circ = 135^\circ$
 $360^\circ - 135^\circ = \underline{\underline{225^\circ}}$

Time for you to try...

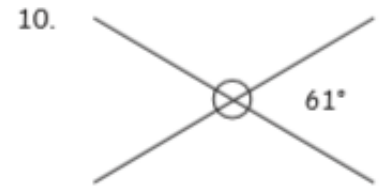
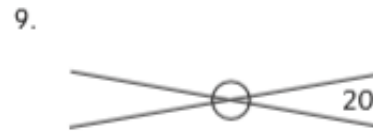
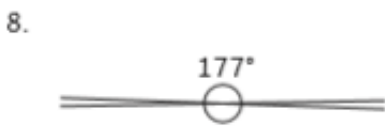
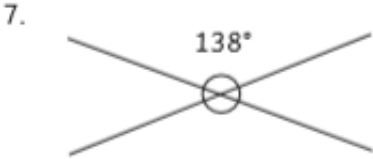
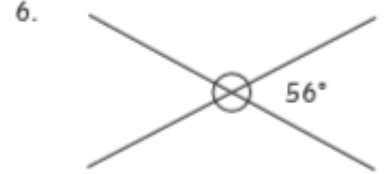
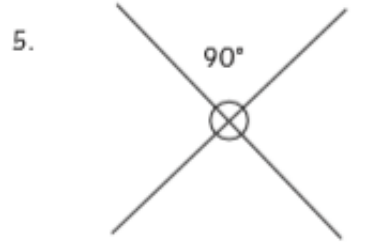
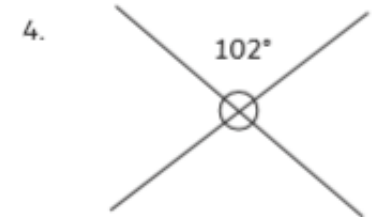
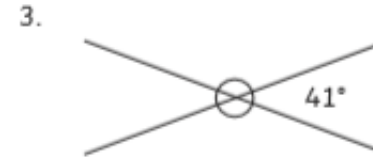
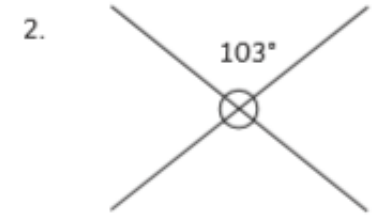
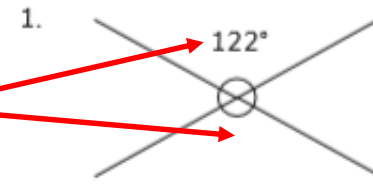
Section A



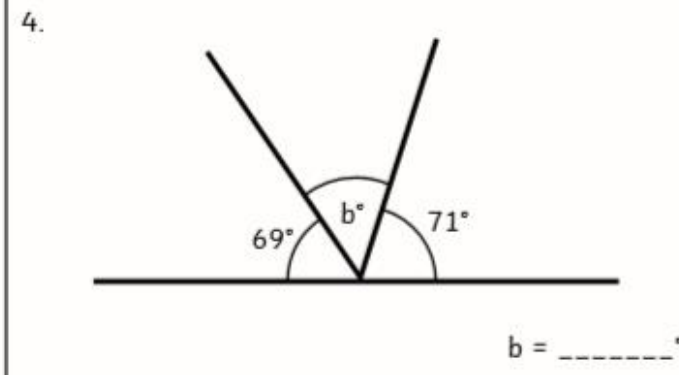
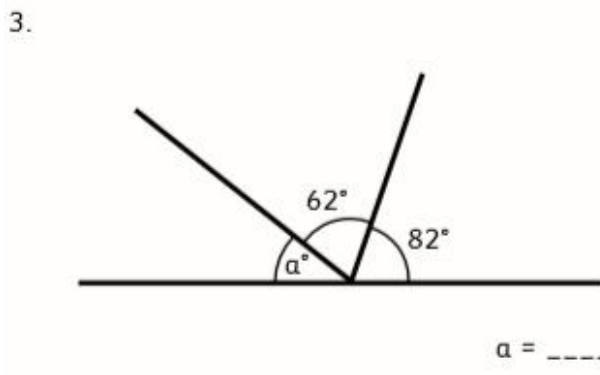
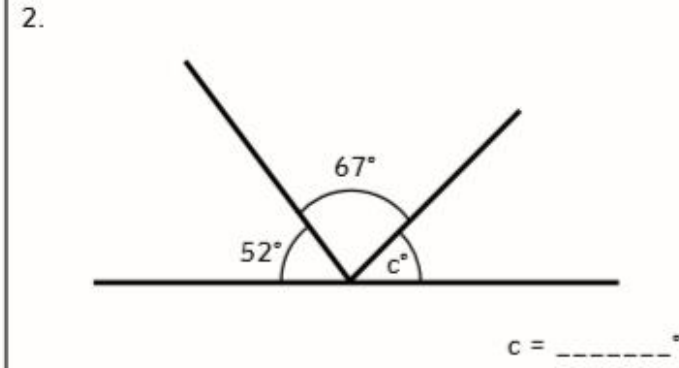
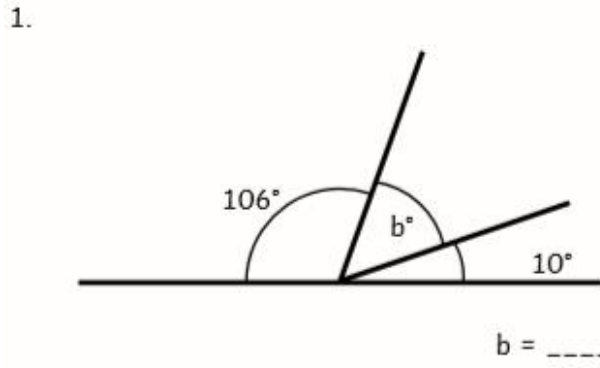
Remember – two bisecting straight lines have opposite angles that are equal in size.

Now try these.

Section C

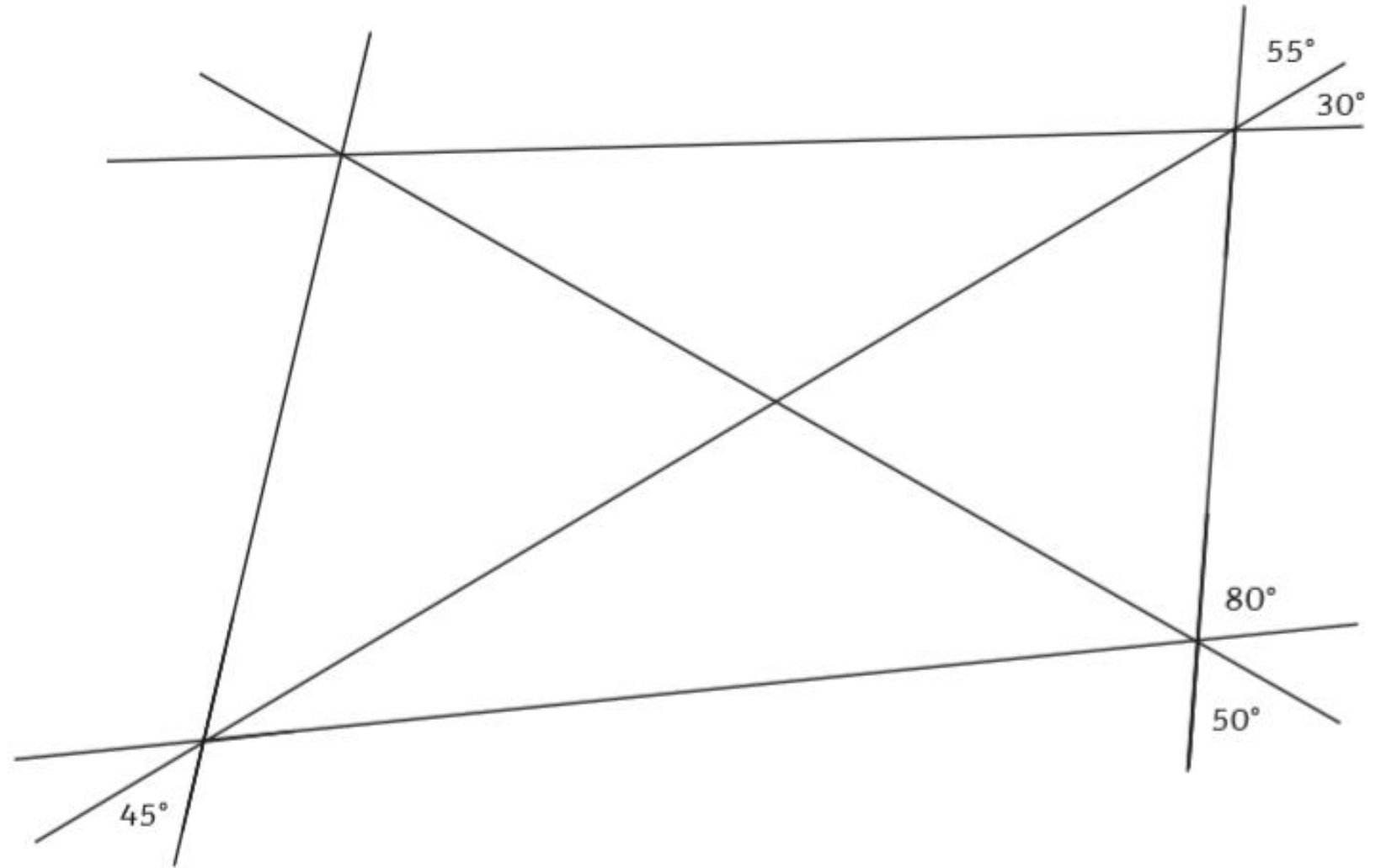


Section B



Challenge!!!

Using the five given angles, calculate and label the size of all the angles in this diagram.



Remember to email your answers to your
teacher...

Great work
everybody!

...and you're finished with maths
for today!!

Time for brain rest...

