

Mathematics

Angles Review.

**Downloadable Resource - Straight line angles
and angles around a point.**

Mr. Thomas



Try this

Work out the following:

1) $90 + \underline{\quad} = 180$

2) $30 + \underline{\quad} = 180$

3) $180 - \underline{\quad} = 70$

4) $4 \times \underline{\quad} = 180$

5) $80 + 120 + 120 + \underline{\quad} = 360$

6) $9 \times \underline{\quad} = 360$

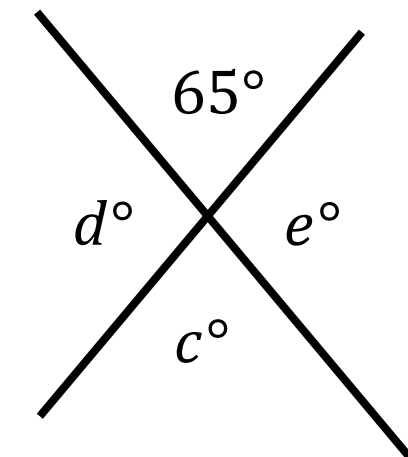
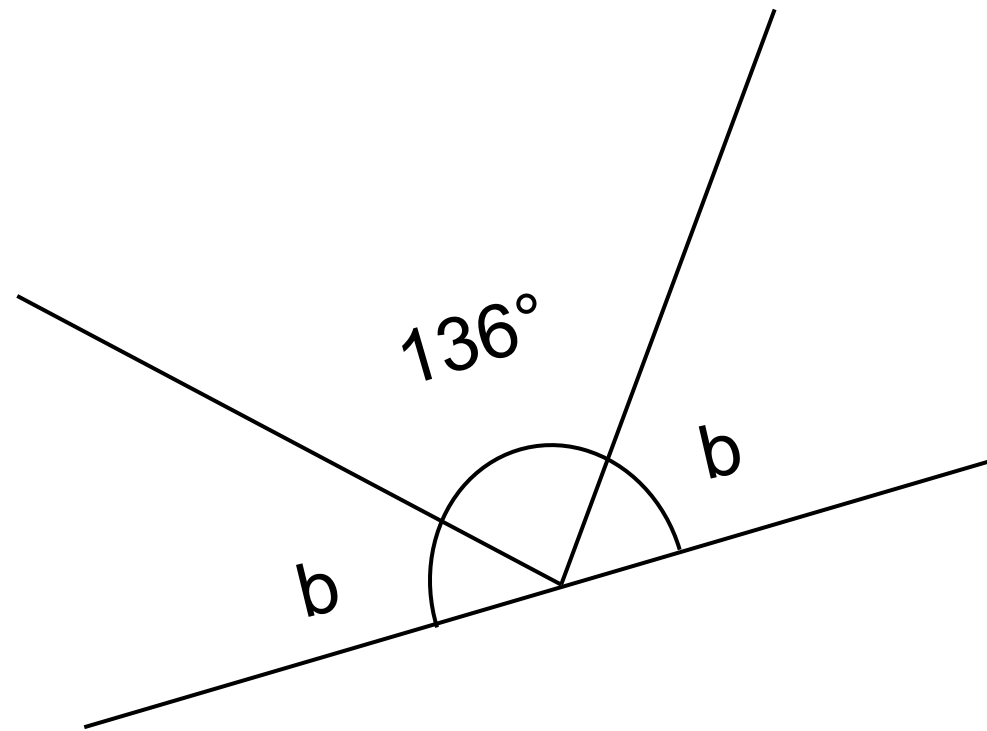
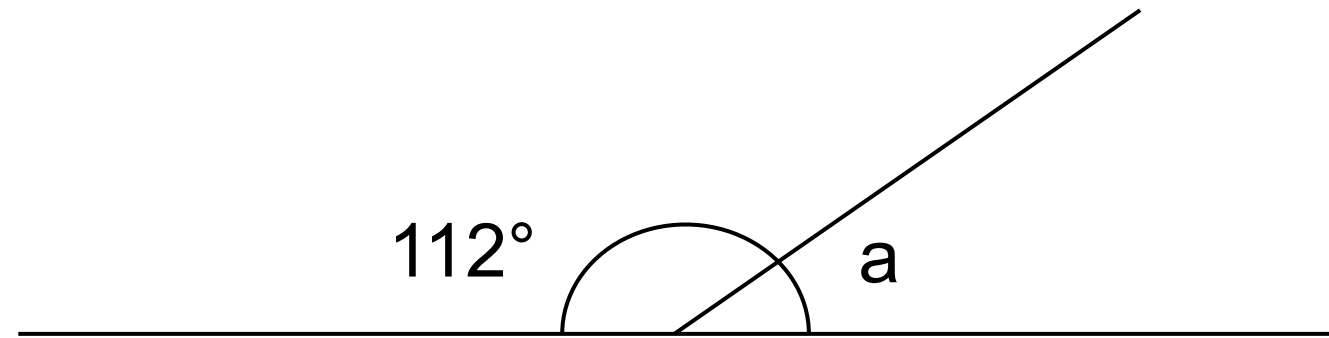
7) $360 - \underline{\quad} = 210$

Why have I chosen some of these numbers as part of your 'Try this'? Why will we be using them a lot in today's lesson?



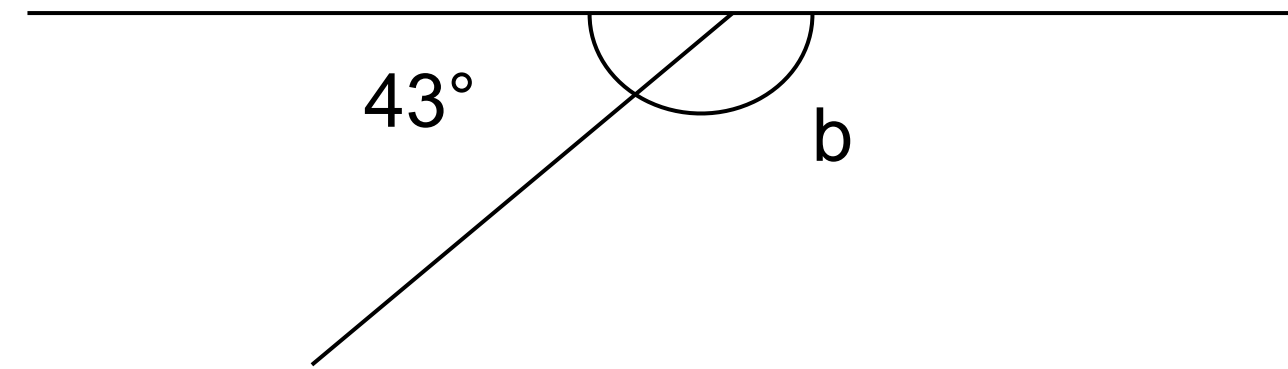
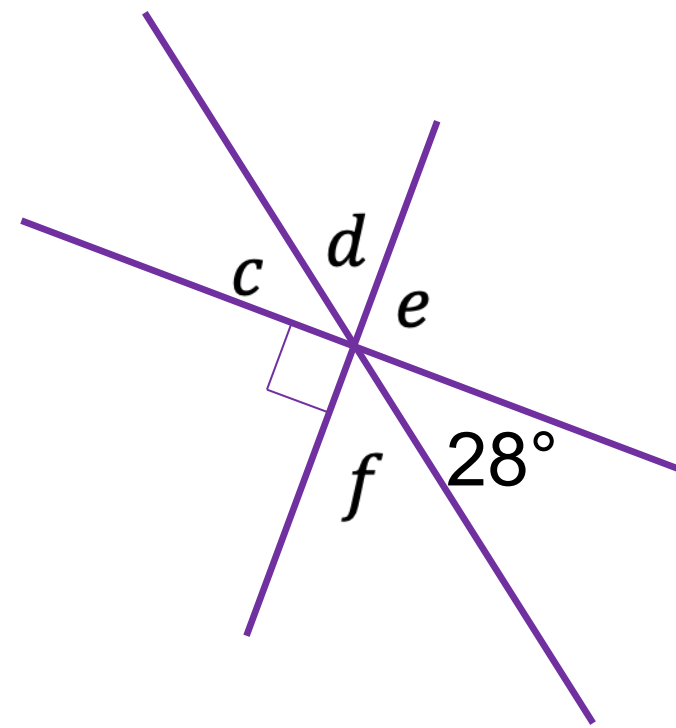
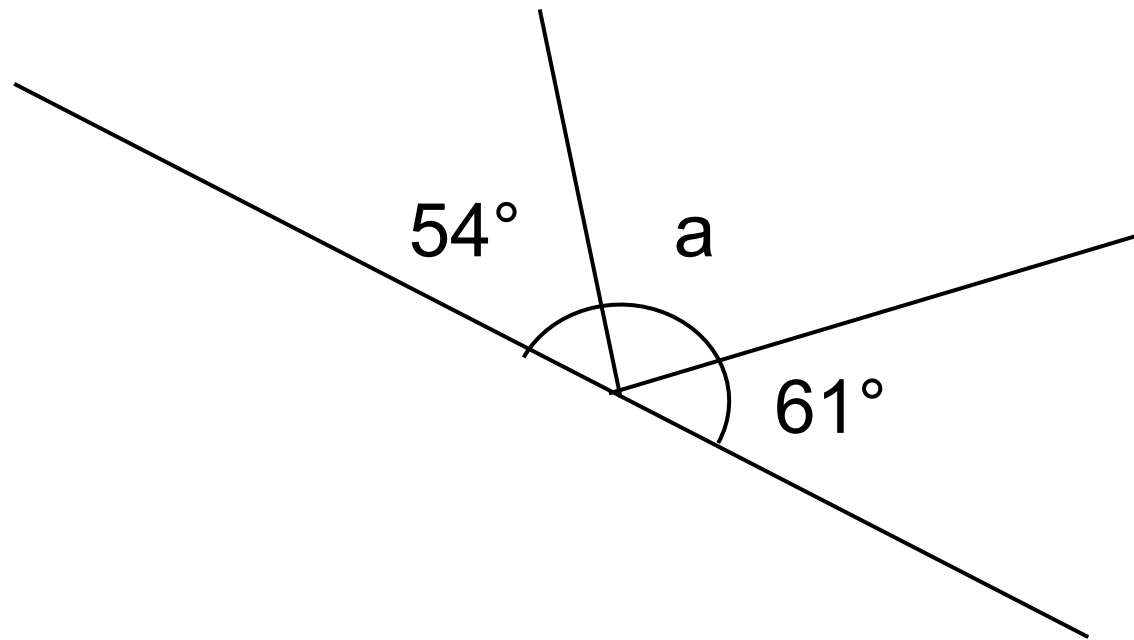
Connect

Work out the missing angles below, justifying your reasoning throughout.



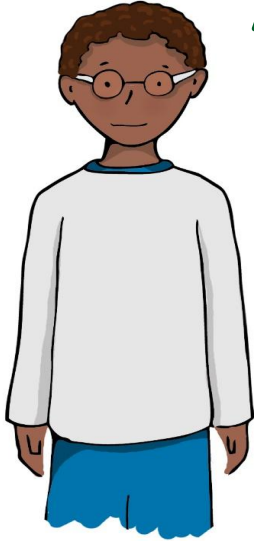
Independent Task

Work out the missing angles below, justifying your reasoning throughout.




Explore

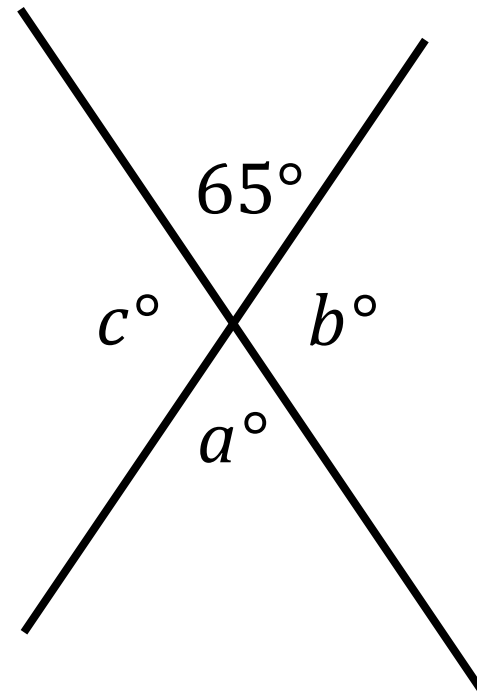
Are the following statements true or false? Why?




$a^\circ + b^\circ = 180^\circ$

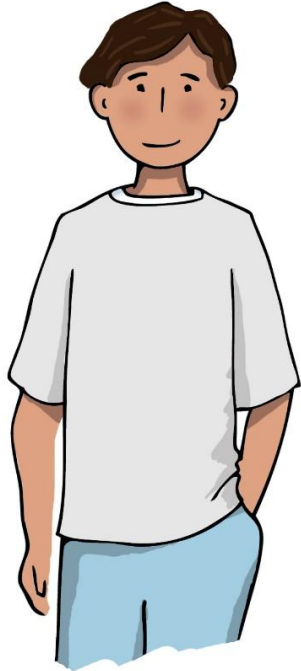


$65^\circ = b^\circ$





$130^\circ + 2b^\circ = 360^\circ$



$b^\circ = c^\circ$

