

Angles on a straight line

Angles on a straight line will always add up to 180°



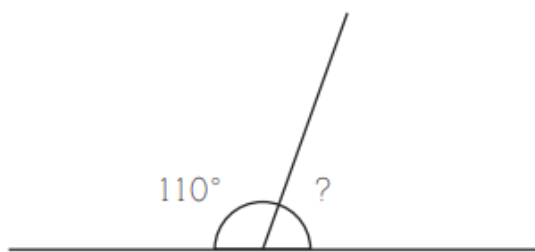
If one of the angles is given, you can work out the other angle because you know they make 180° together.



$$\begin{array}{r} 180^\circ \\ - 40^\circ \\ \hline 140^\circ \\ ? = 140^\circ \end{array}$$

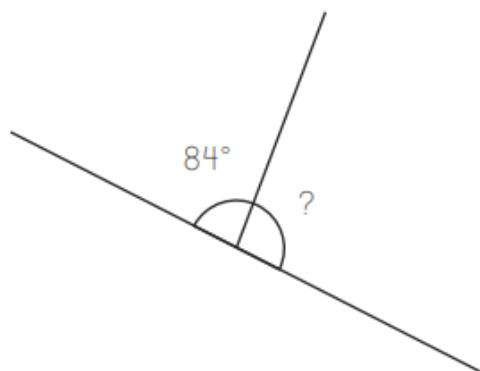
Calculate the missing angles on these straight lines:

1.



The missing angle is:

2.



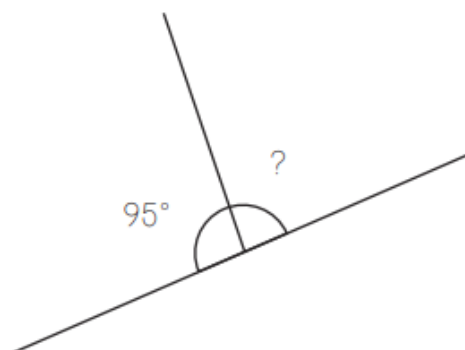
The missing angle is:

3.



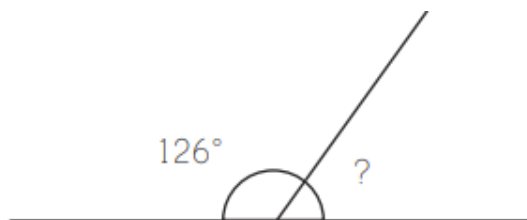
The missing angle is:

4.



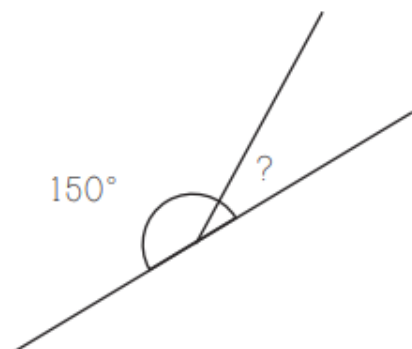
The missing angle is:

5.



The missing angle is:

6.



The missing angle is:

ANSWERS

1. The missing angle is: $180 - 110 = 70^\circ$
2. The missing angle is: $180 - 84 = 96^\circ$
3. The missing angle is: $180 - 17 = 163^\circ$
4. The missing angle is: $180 - 95 = 85^\circ$
5. The missing angle is: $180 - 126 = 54^\circ$
6. The missing angle is: $180 - 150 = 30^\circ$