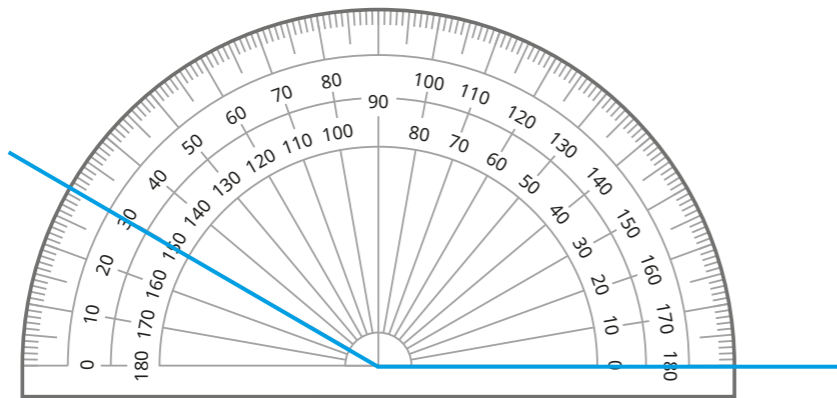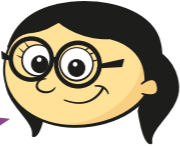# Measure angles up to 180°

1 Annie is measuring angles.

> The angle marked is 30 degrees.

a) How do you know, just by looking at the angle, that it is not 30 degrees?
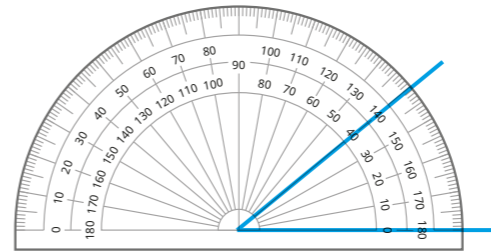
_____

b) What mistake do you think Annie has made?

_____

_____

c) What is the size of the angle? ⬚ °
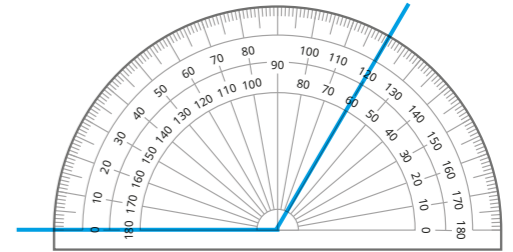
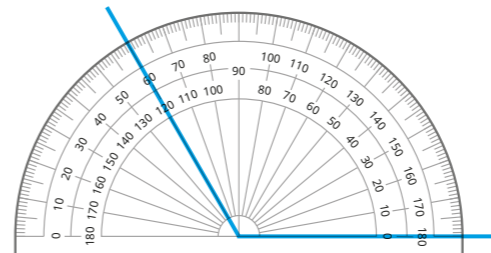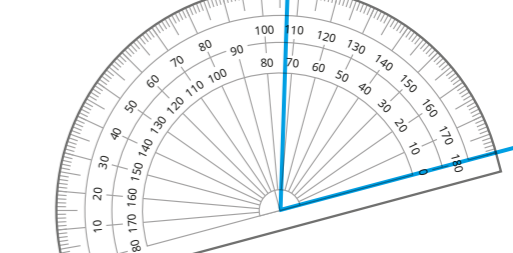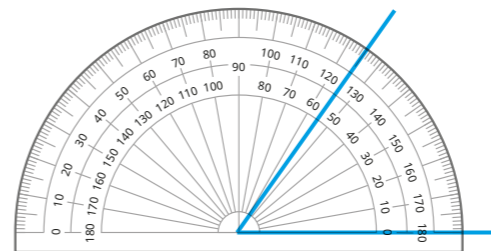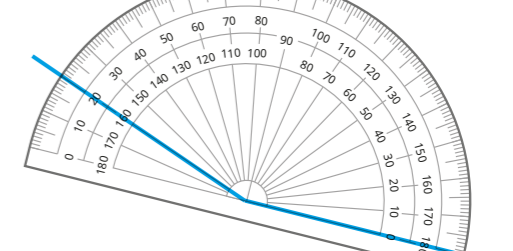**2** What is the size of the angle marked in each diagram?

a)

⬚ °

b)

⬚ °

c)

⬚ °

d)

⬚ °

e)

⬚ °

f)

⬚ °

g)

⬚ °
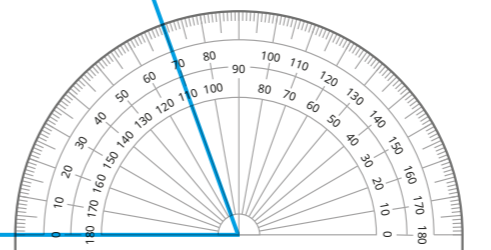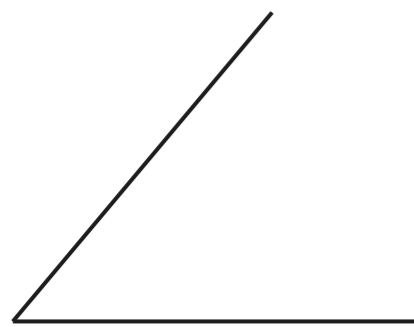
h)

⬚ °
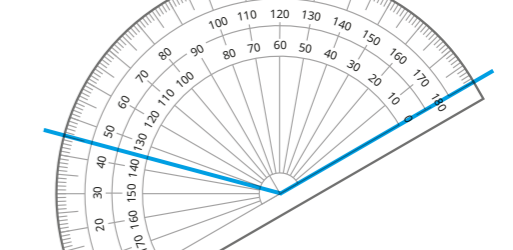
3 Decide whether each angle is acute or obtuse.

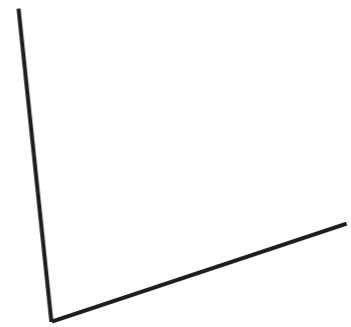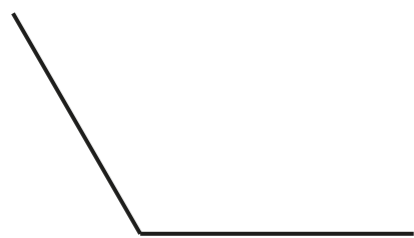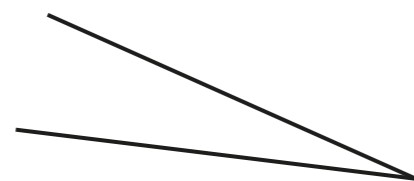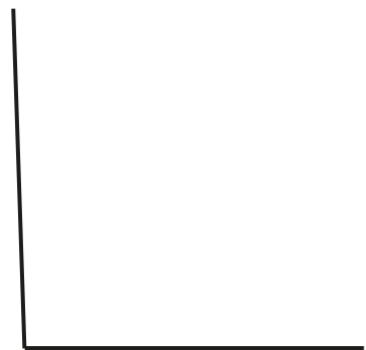Then measure the size of each angle.
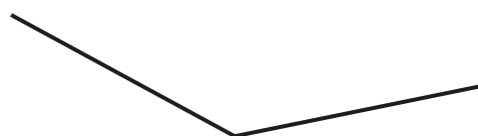
a)

[ ]°

d)

[ ]°

b)

[ ]°
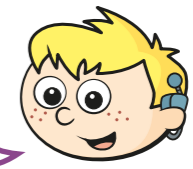
e)

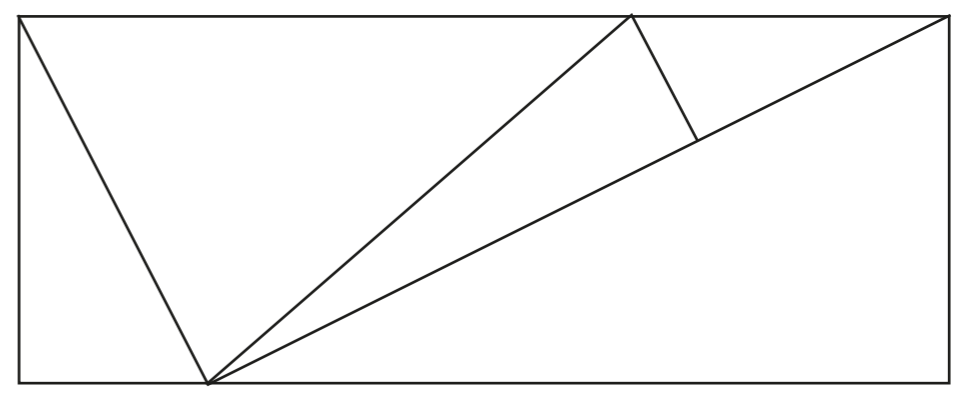[ ]°

c)

[ ]°

f)

[ ]°

4 Max is measuring the size of this angle.
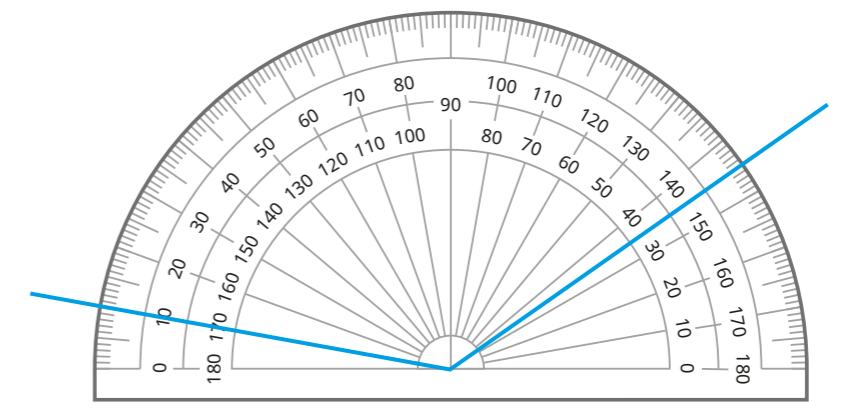
The angle measures 145 degrees.

a) What mistake has Max made?

b) What is the size of the angle?

[ ]°

5 Look at the diagram.

a) Label the smallest angle on the diagram.

What does the angle measure?

[ ]°

b) Mark an angle between 70° and 90° on the diagram.

What does the angle measure?

[ ]°

c) Measure and label three more angles on the diagram.

White Rose MATHS