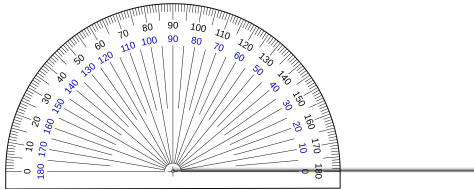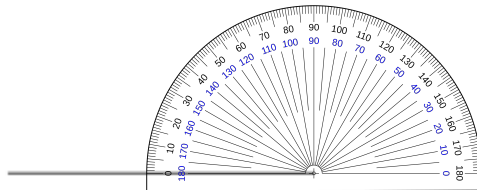## Drawing lines and angles accurately

1 Draw each of the angles accurately.

Use the line provided as part of your angle.
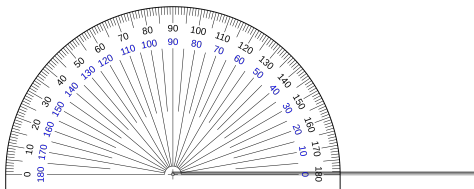
a) 60 degrees

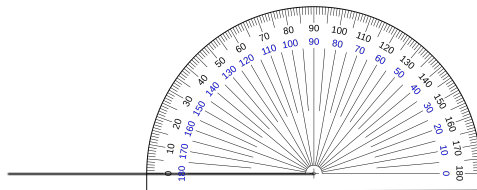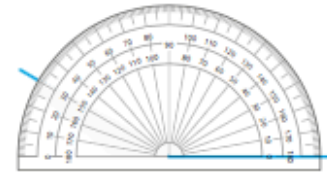**b)** 85°

c) 110°

d) 143°

2 Dexter is asked to draw an angle of 30 degrees.

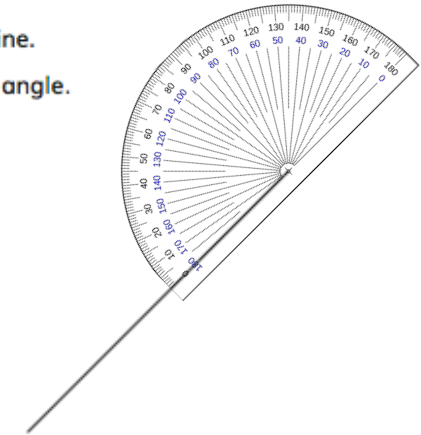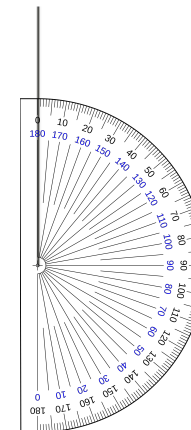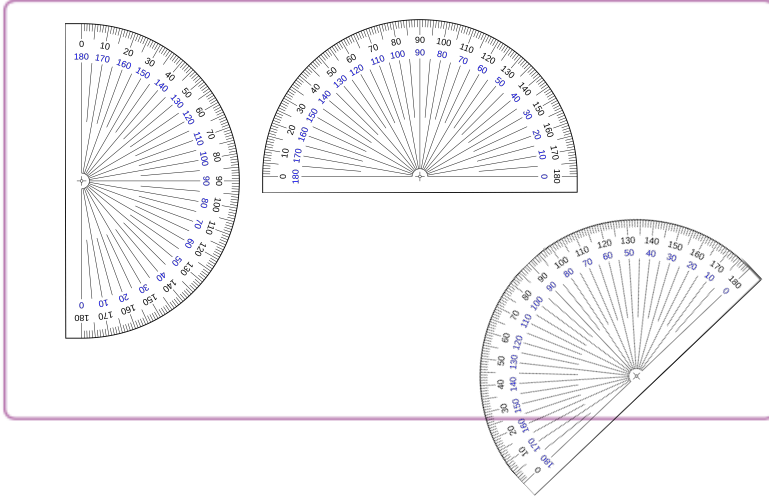He marks a point as shown.

What mistake has Dexter made?

_____

_____

3 Draw an angle of 100° on each line.

Use the lines to form part of the angle.

4 Draw three angles that all measure 55°.

Each angle should be in a different orientation.

5 Draw these lines and angles accurately using a ruler and protractor.

a)

3 cm
70°
5 cm

b)

4.5 cm
3 cm
45°

6 Make an accurate drawing of the shape.

5 cm
40°
3.9 cm
63°
48 mm

Draw these as two separate angles.

7 Draw the triangle accurately and work out its perimeter.

45 mm
60°
54 mm

perimeter = ☐ mm

White Rose Maths