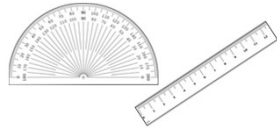


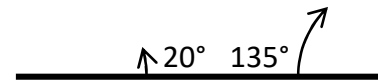
Constructing Triangles: Angles



A) Complete this triangle using the two given angles.
Measure the third angle.



B) Complete this triangle.
Measure the third angle.



C) Complete this triangle. Measure the other lengths.
What type of triangle is this?

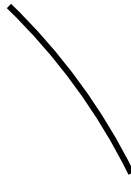
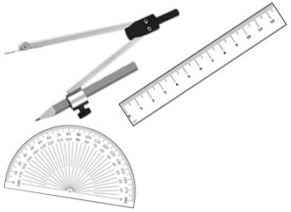


D) Complete this triangle using the angle & length.
Measure the other angles.
What type of triangle is this?

E) Draw a 8 cm base for a triangle. From the base, create angles of 62° & 36°.
What is the perimeter of the triangle?

Constructing Triangles: Lengths

2



↑8 cm

↑7 cm



A) Complete this triangle using the given lengths.
One arc with the compass has been done for you.
Measure the angles.

↑6 cm

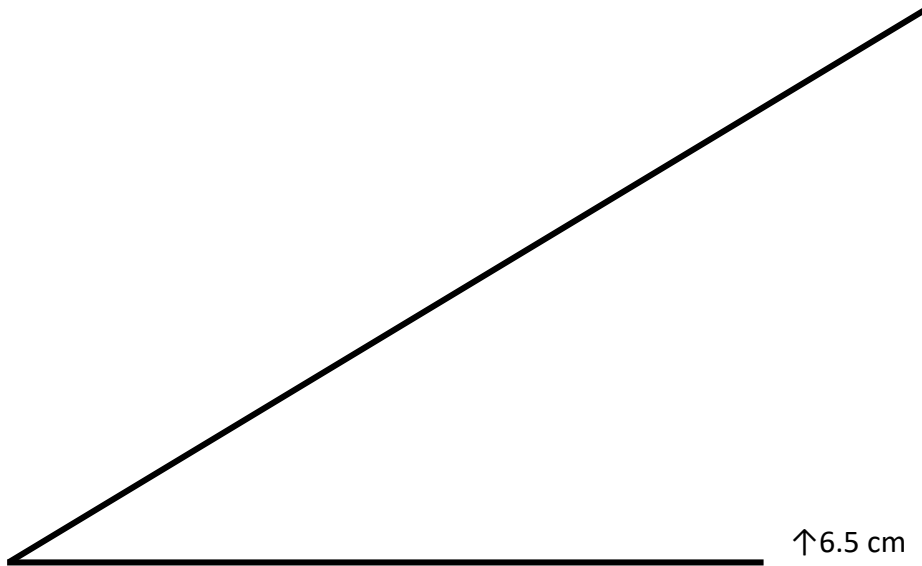
↑8 cm



B) Complete this triangle using the given lengths.
Measure the top angle.

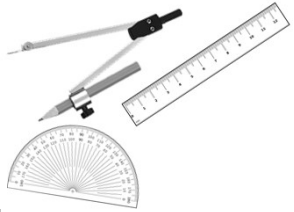
D) Draw a triangle with lengths: 9cm, 8,5cm & 7.5 cm.
Measure all three angles.

↑6.5 cm



C) Complete this triangle using the given length.
What is the problem?

Constructing Triangles: Mixed



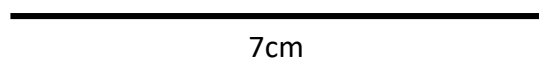
A) Complete this triangle using the two given angles.
Measure the third angle.



B) Complete this triangle.
Measure the third angle.



D) Complete this triangle using the given lengths.
Measure all the angles.



C) This is one side of an equilateral triangle.
Complete this triangle using a compass.
How can you check it is equilateral?



E) Complete this triangle using the
given length and the angle.
Measure the top angle.