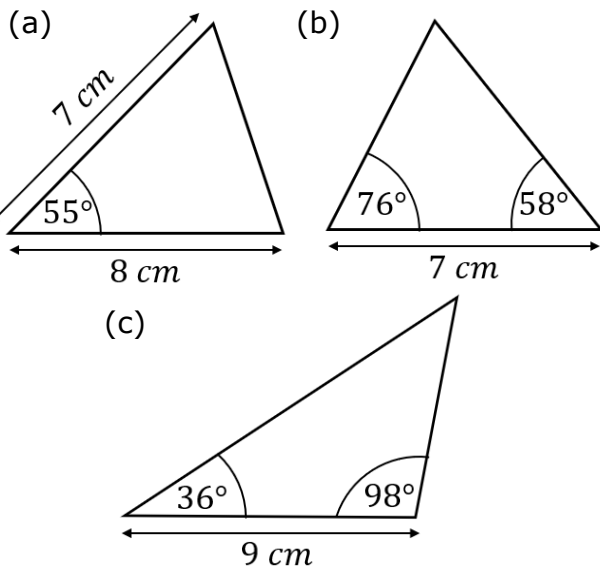


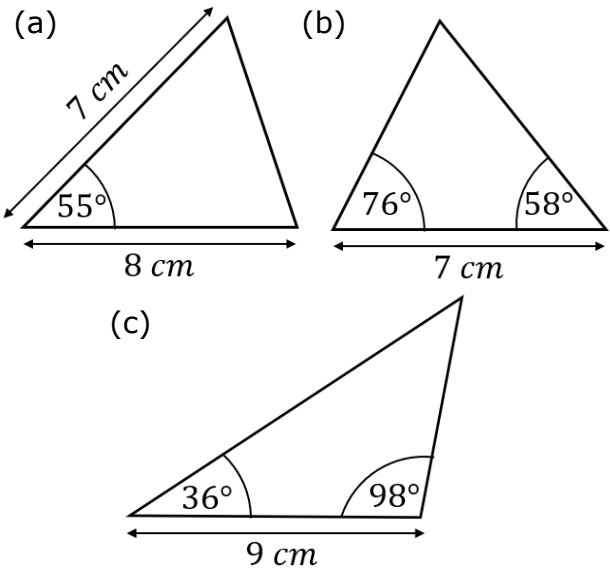
Constructing Triangles

Construct the following triangles.

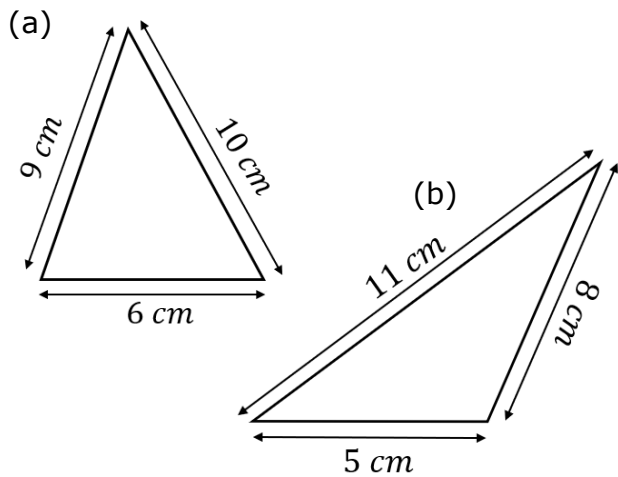


Constructing Triangles

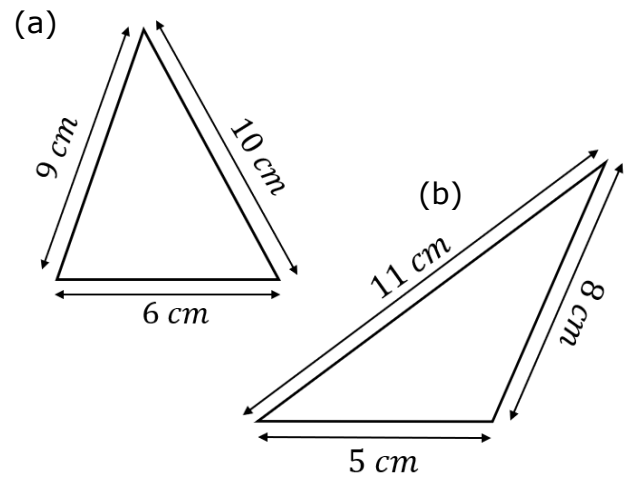
Construct the following triangles.



Construct the following triangles.



Construct the following triangles.



(a) In the triangle ABC , AB is 7 cm , BC is 6 cm and angle ABC is 65° . Make and accurate construction of the triangle.
 (b) In the triangle DEF , DE is 6 cm , EF is 8 cm and DF is 10 cm . Make an accurate construction of the triangle. Measure the angle DEF .

(a) In the triangle ABC , AB is 7 cm , BC is 6 cm and angle ABC is 65° . Make and accurate construction of the triangle.
 (b) In the triangle DEF , DE is 6 cm , EF is 8 cm and DF is 10 cm . Make an accurate construction of the triangle. Measure the angle DEF .

In the triangle KLM , KL is 7 cm , LM is 8 cm and angle LKM is 40° . Construct the two possible triangles accurately. Measure the angle KLM in both triangles. What do you notice?

In the triangle KLM , KL is 7 cm , LM is 8 cm and angle LKM is 40° . Construct the two possible triangles accurately. Measure the angle KLM in both triangles. What do you notice?