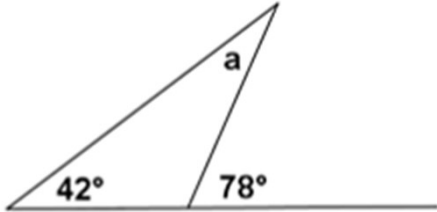


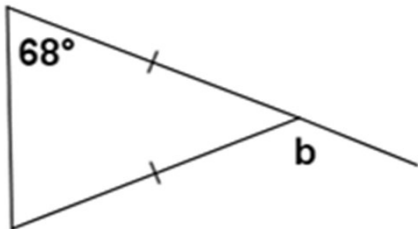
Angles in Triangles Worksheets

In each exercise below, find the unknown (labeled) angles. Give reasons for your solutions.

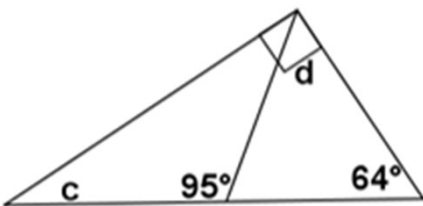
$$m\angle a =$$



$$m\angle b =$$



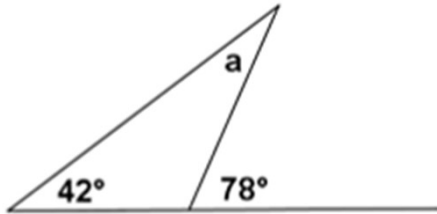
$$m\angle c =$$



$$m\angle d =$$

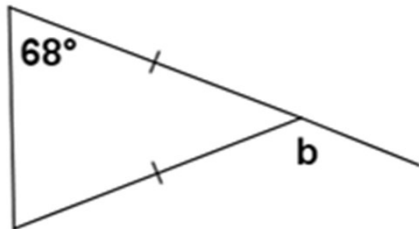
Angles in Triangles Worksheets

In each exercise below, find the unknown (labeled) angles. Give reasons for your solutions.



$$m\angle a = 36^\circ$$

The exterior angle of a triangle equals the sum of the two interior opposite angles.



$$m\angle b = 136^\circ$$

The base angles of an isosceles triangle are equal in measure.

The sum of the angle measures in a triangle is 180° .

Linear pairs form supplementary angles.



$$m\angle c = 26^\circ$$

The sum of the angle measures in a triangle is 180° .

$$m\angle d = 31^\circ$$

Linear pairs form supplementary angles.

The sum of the angle measures in a triangle is 180° .