

## Essential Skills 25

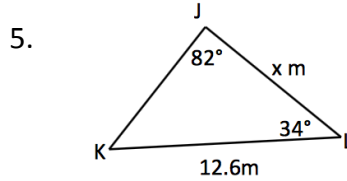
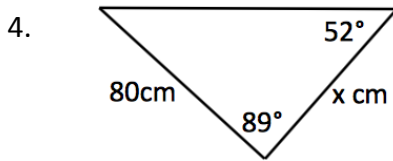
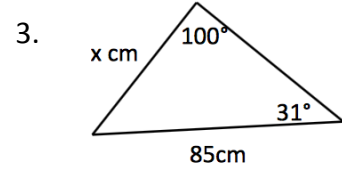
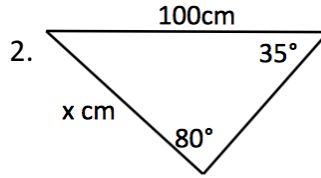
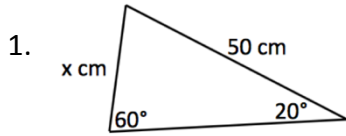
The questions in this series of worksheets appear frequently.

These are the GIFTS you must take to succeed

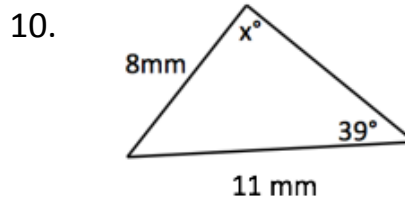
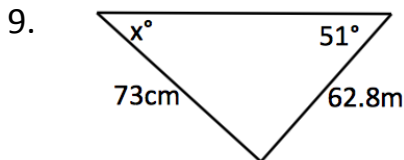
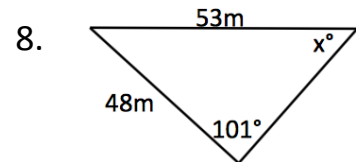
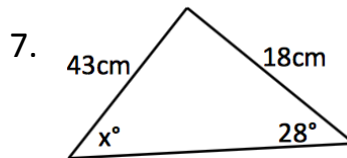
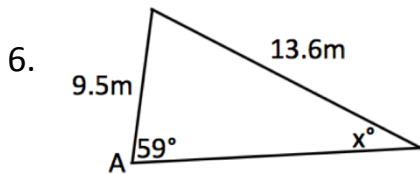


### The Sine Rule (Calculator)

Calculate side,  $x$  in each:



Calculate angle,  $x$  in each:



### APPLYING QUESTION

Aaron and Brandon spot a UFO above Brannock High.

Aaron measures elevation at  $40^\circ$  from his viewpoint

Brandon measures  $55^\circ$  from his.

They are standing 50 metres apart.

What height is the UFO above the ground?

