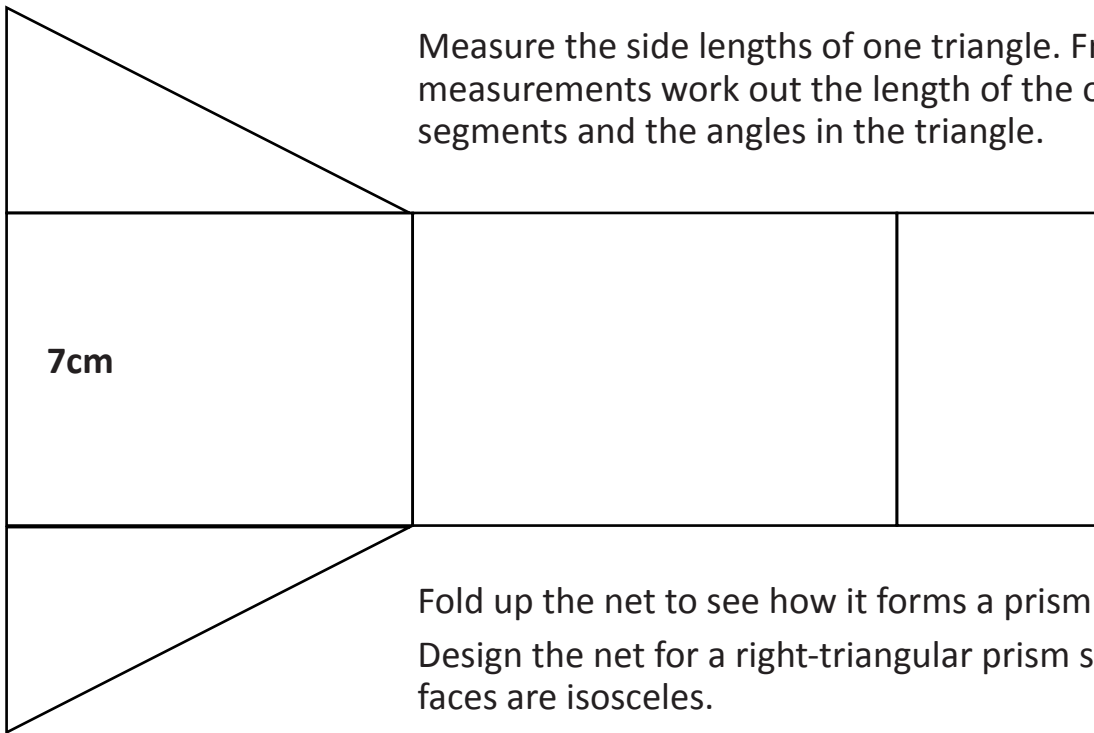


**Here is the net for a right-angled triangular prism.**

Measure the side lengths of one triangle. From those measurements work out the length of the other line segments and the angles in the triangle.



Fold up the net to see how it forms a prism.

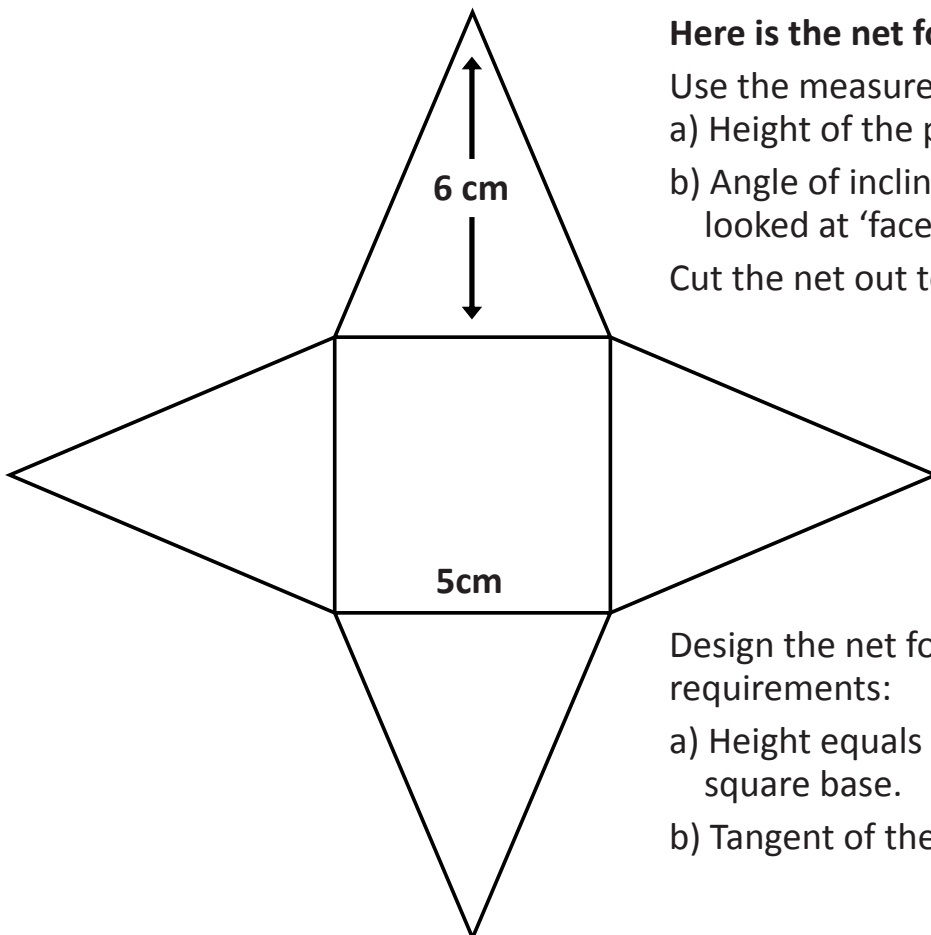
Design the net for a right-angled triangular prism so the triangular faces are isosceles.

**Here is the net for a square based pyramid.**

Use the measurements to anticipate:

- a) Height of the pyramid when the net is folded.
- b) Angle of inclination when the pyramid is looked at 'face on.'

Cut the net out to check.



Design the net for a pyramid that meets these requirements:

- a) Height equals the side length of the square base.
- b) Tangent of the angle of inclination equals two.