Open Questions Measurement

The area of a triangle is 60cm2. What could the lengths of the side be?

A parallelogram has a side length of 8cm. What could its area be?

A triangle has an area of 50cm2. What could its dimensions be?

A triangle and two rectangles have a combined area of 75cm2. Draw and label what they might look like. Attach the shapes together to make one shape that preserves the original area. What is your shapes new side lengths.

Draw three different prisms that each have the same volume. Ensure that you clearly explain how you know that they have the same volume.