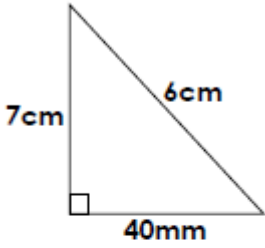


Thursday (medium) – LO: to calculate the area of any triangle.

**Varied fluency**

**Reasoning and problem solving**

5a. Match the triangle to the correct area.



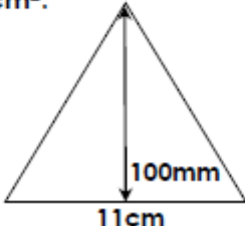
13cm<sup>2</sup>

14cm<sup>2</sup>

15cm<sup>2</sup>

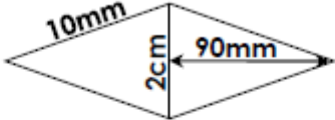
*Not to scale*

6a. True or false? The area of the triangle below is 55cm<sup>2</sup>.



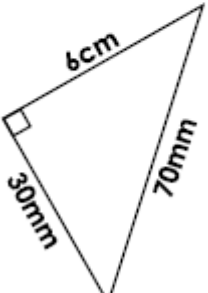
*Not to scale*

7a. Calculate the area of the shape.

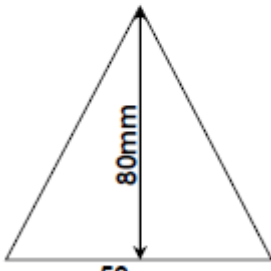


*Not to scale*

8a. Which triangle has the largest area?



A



B

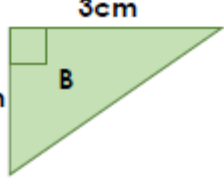
*Not to scale*

4b.

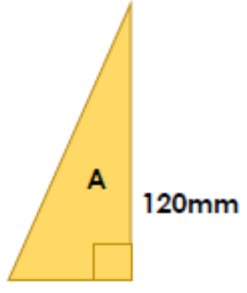
I'm thinking of a triangle where its area is less than 80cm<sup>2</sup> but is more than 700mm<sup>2</sup>. Its height is equal to its base.

Draw and label my triangle.  
Find the area.

5b. Mustafa thinks Triangle A's area is three times as large as the area for Triangle B.



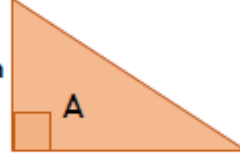
B



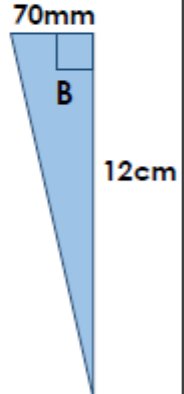
A

Is Mustafa correct? Prove it.

6b. Calculate the difference between the area of these 2 triangles.



A



B

*not to scale*