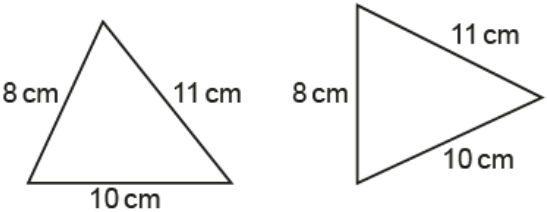
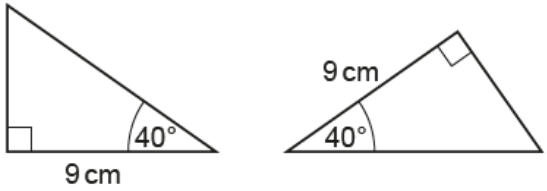
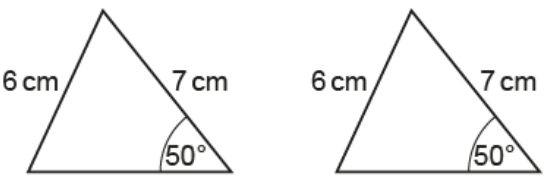


Congruence and similarities – 2022 GCSE Mathematics Higher**1. June/2022/Paper_J560/06/No.5**

In each row of the table there are two triangles.

State whether the two triangles are congruent or not.

If they are congruent state a reason from SSS, SAS, ASA or RHS.

Triangles	Congruent (yes/no)	Reason (SSS/SAS/ASA/RHS)
<p style="text-align: center;">Not to scale</p> 		
<p style="text-align: center;">Not to scale</p> 		
<p style="text-align: center;">Not to scale</p> 		

[3]

2. June/2022/Paper_J560/06/No.20

Two pyramids, A and B, are mathematically similar.

Pyramid A has surface area 12 cm^2 and volume 8 cm^3 .

Pyramid B has surface area 75 cm^2 .

Work out the volume of pyramid B.

You must show your working.

..... cm^3 [4]