



Q	Answer	Marks
1	A and C	1
2	a) SSS, SAS, ASA, RHS b) open: Equal angles only show the triangles are similar. One could be an enlargement of the other, so they need not be the same size.	2
3	SAS	1
4	Yes - two angles and the side between them are equal (ASA)	2
5	a) 9 cm b) 48° c) 61°	3
6	a) 2.5 b) 15 cm	2
7	12 cm	2
8	a) 9 cm b) 5 cm	3
9	7.2 m	3
10	Triangle ABC is congruent to triangle ADC by SSS	3
11	AM = DM (given), BM = CM (given), angle AMB = angle DMC (vertically opposite), so the triangles are congruent by SAS	3
12	12.5 cm	3

Full worked solutions, written out by hand, are on the solutions sheet for this topic.