



Q	Answer	Marks
1	a) tangent b) chord c) segment d) 9 cm	4
2	a) 31.4 cm b) 78.5 cm ²	3
3	a) 18pi cm b) 81pi cm ²	3
4	49π cm ²	4
5	a) 28.0 cm b) 7.0 cm	4
6	a) area 56.5 cm ² , perimeter 30.8 cm b) area 50.3 cm ² , perimeter 28.6 cm	4
7	21.5 cm ²	4
8	70.7 cm ²	2
9	a) 15.7 cm b) 39.7 cm	3
10	22.0 m ²	4
11	18π cm ²	4
12	a) 388.5 m b) 8827.4 m ²	4

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