Intersecting chords

Answers

GCSE Maths topic practice

This topic online

Q	Answer	Marks
1	6	2
2	7.5	2
3	8	2
4	3.5	2
5	11	3
6	21	3
7	**a)** 12 **b)** 7.5	3
8	x = 3	4
9	Yes. PB = 5 + 7 = 12, so PA × PB = 5 × 12 = 60 and PC × PD = 6 × 10 = 60. The products are equal, which is exactly the intersecting chords property for chords meeting outside a circle, so A, B, C and D lie on one circle.	3
10	9	5

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

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