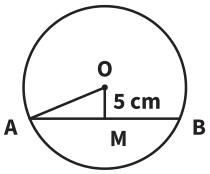
Circle theorems: chords

Exit ticket Name _____

1. O is the centre and OM is perpendicular to the chord AB. AM = 9 cm. Find AB. Give a reason.

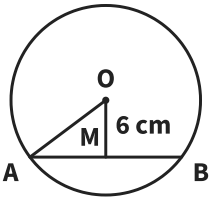
_____

2. O is the centre. OM is perpendicular to the chord AB. The radius is 13 cm. Find AB.



AB = _____

3. O is the centre. OM is perpendicular to the chord AB. AB = 16 cm. Find the radius OA.



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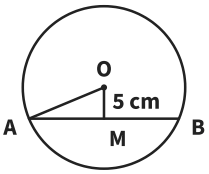

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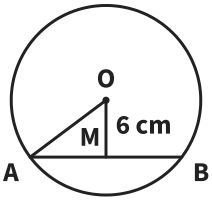

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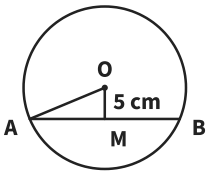

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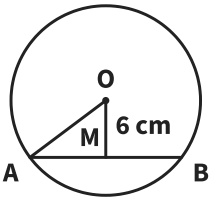

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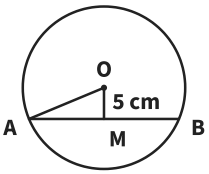

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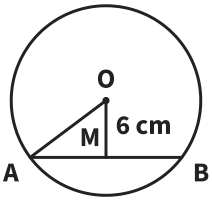

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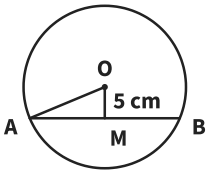

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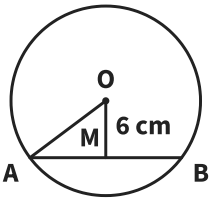

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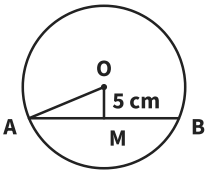

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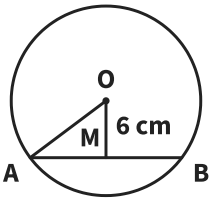

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