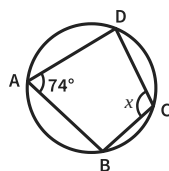


Circle theorems: cyclic quadrilaterals

Exit ticket **ANSWERS** Name _____

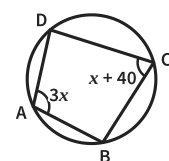
- 1 ABCD is a cyclic quadrilateral.
Find angle x .

$$x = 106^\circ$$



- 2 ABCD is a cyclic quadrilateral.
Find x .

$$x = 35$$



- 3 The angles of a quadrilateral, in order, are 70° , 125° , 100° and 65° . Can its corners all lie on a circle? Explain.

No: $70 + 100$ is not 180

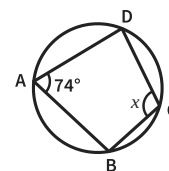
The Maths Habit

Circle theorems: cyclic quadrilaterals

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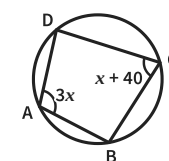
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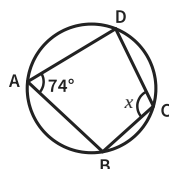
The Maths Habit

Circle theorems: cyclic quadrilaterals

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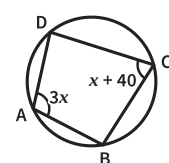
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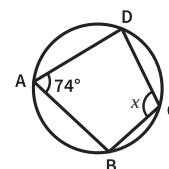
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Circle theorems: cyclic quadrilaterals

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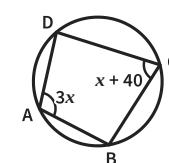
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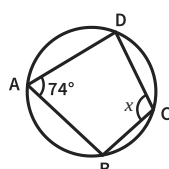
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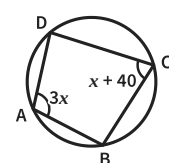
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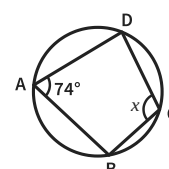
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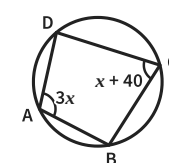
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