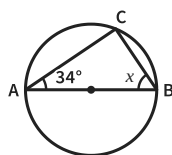


Circle theorems: angle in a semicircle

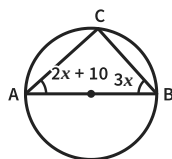
Exit ticket ANSWERS Name _____

- 1 AB is a diameter of the circle.
Find angle x .



$$x = 56^\circ$$

- 2 AB is a diameter of the circle.
Find x .



$$x = 16$$

- 3 A, B and C lie on a circle. Angle ACB is 86° .
Is AB a diameter? Explain how you know.

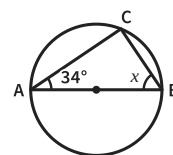
No: it would be 90°

The Maths Habit

Circle theorems: angle in a semicircle

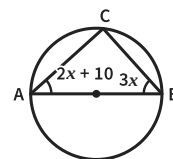
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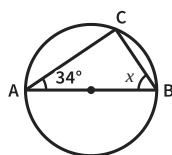
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The Maths Habit

Circle theorems: angle in a semicircle

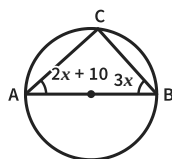
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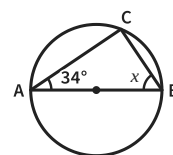
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The Maths Habit

Circle theorems: angle in a semicircle

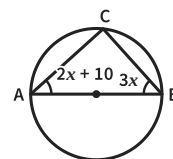
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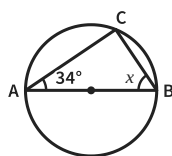
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The Maths Habit

Circle theorems: angle in a semicircle

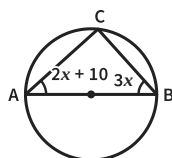
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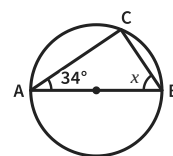
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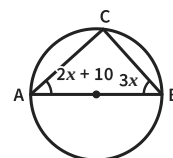
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