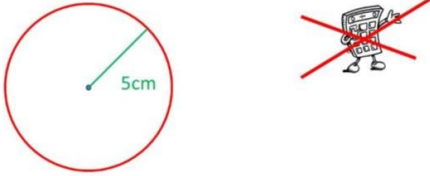




New Maths GCSE: G7 - Circle Questions in terms of pi

Name:.....

Date:.....



What is the circumference of this circle, in terms of π ?

A	$10\pi\text{ cm}$	B	$5\pi\text{ cm}$
C	$20\pi\text{ cm}$	D	$25\pi\text{ cm}$

Correct Answer: A B C D

Explanation:

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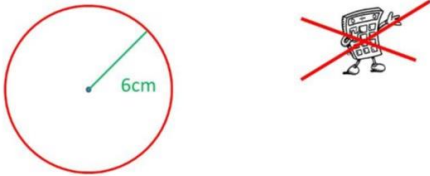
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What is the area of this circle, in terms of π ?

A	$36\pi\text{ cm}^2$	B	$12\pi\text{ cm}^2$
C	$6\pi\text{ cm}^2$	D	$144\pi\text{ cm}^2$

Correct Answer: A B C D

Explanation:

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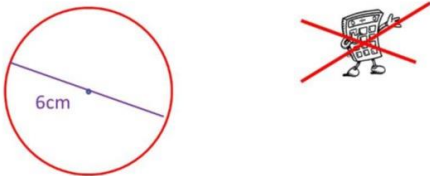
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What is the circumference of this circle, in terms of π ?

A	$3\pi\text{ cm}$	B	$36\pi\text{ cm}$
C	$6\pi\text{ cm}$	D	$12\pi\text{ cm}$

Correct Answer: A B C D

Explanation:

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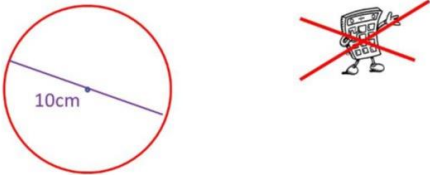
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10cm

What is the area of this circle, in terms of π ?

A $10\pi \text{ cm}$ **B** $20\pi \text{ cm}$
C $25\pi \text{ cm}$ **D** $100\pi \text{ cm}$

Correct Answer: A B C D

Explanation:

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Circumference
= 36π

What is the radius of the circle?

A 18 cm **B** 36 cm
C 6 cm **D** 3 cm

Correct Answer: A B C D

Explanation:

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Area = $64\pi \text{ cm}^2$

What is the radius of the circle?

A 8 cm **B** 4 cm
C 16 cm **D** 32 cm

Correct Answer: A B C D

Explanation:

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Circumference
= $144\pi \text{ cm}$

What is the diameter of the circle?

A 12 cm **B** 72 cm
C 6 cm **D** 144 cm

Correct Answer: A B C D

Explanation:

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Area = 196π cm²

What is the diameter of the circle?

A	28 cm	B	14 cm
C	98 cm	D	7 cm

Correct Answer: A B C D

Explanation:

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