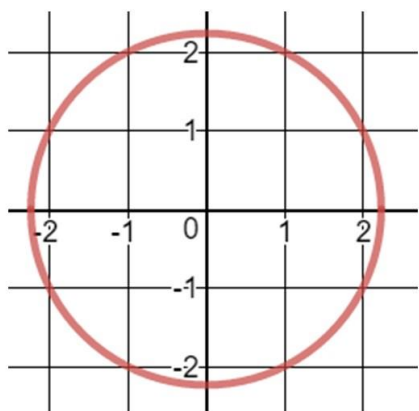




What is the gradient of the tangent to the circle at the point Q (1, 2)?



- A -2
- B  $-\frac{1}{2}$
- C 2
- D  $\frac{1}{2}$

Your answer:

A B C D

Try the question online:



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I think this is the answer because...

Why might students choose each of the other 3 answers?

What other incorrect answer would you add to this question and why?

This question is proudly brought to you by Diagnostic Questions and Mr Barton Maths.

For an online video discussion of the answer and data on how many people around the world get it right, just go to [www.mrbartonmaths.com/students/gcse/question-of-the-week](http://www.mrbartonmaths.com/students/gcse/question-of-the-week)