



Using the graph of  
 $y = x^2 - 3x - 10$   
What is the correct way  
to write the solution to  
 $x^2 - 3x - 10 \leq 0$ ?

A

$$\{x \leq -2\} \cup \{x \geq 5\}$$

B

$$\{-2 \leq x \leq 5\}$$

C

$$\{-2 \geq x \geq 5\}$$

D

$$\{x \geq -2\} \cup \{x \leq 5\}$$

Your answer:

A B C D

Try the question online:



Try the quiz 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?

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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)