



# Exit Ticket D5 - Direct Proportion (algebraic)

Name: .....

Date: .....

**AQA**  
Assessment and Qualifications Alliance

$y$  is directly proportional to  $x$ .  
Which graph shows this?

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Correct Answer: A B C D

Explanation:

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**Topic - Proportion**

Which of the following represents the statement " $y$  is directly proportional to the square of  $x$ "?

**A**  $x \propto y^2$       **B**  $y \propto x^2$

**C**  $y \propto \sqrt{x}$       **D**  $y \propto \frac{1}{x^2}$

Correct Answer: A B C D

Explanation:

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**Topic - Proportion**

$A$  is directly proportional to the square of  $B$ .  
When  $A = 80$ ,  $B = 4$ . What does  $A$  equal if  $B = 7$ ?

**A** 140      **B** 245

**C** 49      **D** 160

Correct Answer: A B C D

Explanation:

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