

WJEC MATHEMATICS

HIGHER
3 TIER TOPICS

**DIRECT AND INVERSE
PROPORTION**

@MrGoreMaths.

Spec 1 – Maths – P1

10. Given that y is inversely proportional to x^2 , and that $y = 5$ when $x = 2$,

(a) find an expression for y in terms of x . [3]

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(b) Use the expression you found in (a) to complete the following table. [2]

x	2	0.5	
y	5		0.2

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Nov 2016 – Maths – P1

11. Given that y is inversely proportional to x , and that $y = 4$ when $x = 3$,

(a) find an expression for y in terms of x , [3]

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(b) use the expression you found in (a) to complete the following table. [2]

x	3	0.25	
y	4		$\frac{1}{5}$

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