



Gradients and Graphs

- 4 A straight line passes through the points P (−3, 3) and Q (6, 9).

Which one of the following is an equation of a straight line which is parallel to PQ?

A $y = \frac{2x}{3} - 3$

B $y = \frac{3x}{2} - 8$

C $y = \frac{x}{4} - \frac{1}{2}$

D $y = \frac{x}{2} - 2$

E $y = 2x - 11$

F $y = 4x - 23$

2016

- 16 The graphs of the following equations are drawn:

1 $y = 3x - 2$

2 $y = x^2$

3 $y = 1 - x^2$

4 $y = x + 6$

Which pair of graphs do **not** intersect?

A 1 and 2

B 1 and 3

C 2 and 3

D 2 and 4

E 3 and 4

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