#### New Maths GCSE: A9 - Graident of Parallel and Perpendicula Lines

Correct Answer: A B C D

### y = 3x + 4

A line parallel to this would have gradient:

- 3x

Explanation:	

## y = 2x - 6

A line perpendicular to this would have gradient:

Correct Answer: A B C D
Explanation:

$y = \frac{1}{3}x + 4$
A line parallel to this would have gradier

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Correct Answer: A B C D
Explanation:

# $y = \frac{1}{4}x - 1$

A line perpendicular to this would have gradient:

- $\frac{1}{4}$
- B -4
- c 4
- $-\frac{1}{4}$

Explanation:

Correct Answer: A B C D

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### y = 2 - x

A line parallel to this would have gradient:

- Α χ
- в 1
- c —1
- -x
- Correct Answer: A B C D

  Explanation:

### y = 2 - 3x

A line perpendicular to this would have gradient:

- $-\frac{1}{3}$
- **B** 3
- c —3
- $\frac{1}{3}$
- Correct Answer: A B C D

  Explanation:

# $y = 5 - \frac{2}{3}x$

A line parallel to this would have gradient:

- <u> 5</u>
- $\frac{3}{2}$
- $\frac{2}{3}x$
- $-\frac{2}{3}$

Correct Answer: A B C D
Explanation:

17	7	$\frac{1}{2}\gamma$
y	/	$\overline{5}^{\lambda}$

A line perpendicular to this would have gradient:

- $\frac{1}{5}$
- B -5
- c 5
- $-\frac{1}{5}$

Correct Answer: A B C D

Explanation:

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$y = / - \frac{1}{4}x$	у	=	7 -	$-\frac{3}{4}\chi$
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A line perpendicular to this would have gradient:

- $-\frac{3}{4}$
- $\frac{3}{4}$
- $-\frac{4}{3}$
- $\frac{4}{3}$

Correct Answer: A B C D
Explanation:

$$3y = 1 - 6x$$

A line parallel to this would have gradient:

- $-\frac{1}{2}$
- **B** 6
- -6
- D 2

Correct Answer: A B C D
Explanation: