

### Rearranging into $y = mx + c$

Rearrange these equations into the form  $y = mx + c$

- (a)  $y = 5 + 3x$     (b)  $2x + y = 15$   
(c)  $y - 4x = 9$     (d)  $x + y - 5 = 0$

Rearrange these equations into the form  $y = mx + c$

- (a)  $2y = 6x + 10$     (b)  $3y = 12 - 9x$   
(c)  $4x + 2y = 12$     (d)  $2x + 3y - 7 = 0$

For each of these equations, rearrange into the form  $y = mx + c$  and find the gradient and y-intercept.

- (a)  $y = 6 + 2x$     (b)  $y = 1 - 3x$   
(c)  $x + y = 5$     (d)  $3x + y = 7$   
(e)  $4x = y - 2$     (f)  $2x - y = 3$   
(g)  $5x - y - 1 = 0$

For each of these equations, rearrange into the form  $y = mx + c$  and find the gradient and y-intercept.

- (a)  $2y = 4x + 6$     (b)  $3y = 12 - 6x$   
(c)  $8x + 2y = 20$     (d)  $12x + 4y = 16$   
(e)  $2y = 3x + 7$     (f)  $3x + 4y = 9$   
(g)  $3x - 6y - 12 = 0$

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