

# Changing The Subject

Increasingly  
Difficult  
Exercises

Rearrange these equations to make x the subject...

a)  $y = x + 3$                       b)  $y = 5x$                       c)  $y = 2x + 5$

d)  $y = \frac{1}{3}x + 6$                       e)  $6x + 3y = 15$                       f)  $y = \frac{3x-2}{3}$

g)  $y = (x + 5)^2$                       h)  $y = \sqrt{\frac{x-5}{2}}$                       i)  $\sqrt[3]{x - 9y} = 5$

j)  $3x - 5y = 5x + 4$                       k)  $6y = \frac{3x-7}{x}$                       l)  $ax + c = bx - d$

# Changing The Subject

Increasingly  
Difficult  
Exercises

Rearrange these equations to make x the subject...

a)  $y = x + 3$                       b)  $y = 5x$                       c)  $y = 2x + 5$

d)  $y = \frac{1}{3}x + 6$                       e)  $6x + 3y = 15$                       f)  $y = \frac{3x-2}{3}$

g)  $y = (x + 5)^2$                       h)  $y = \sqrt{\frac{x-5}{2}}$                       i)  $\sqrt[3]{x - 9y} = 5$

j)  $3x - 5y = 5x + 4$                       k)  $6y = \frac{3x-7}{x}$                       l)  $ax + c = bx - d$