



## Leith Academy National 5 Home Learning



### FORMULAE

### NON-CALCULATOR

1) If  $a = 4$ ,  $b = 6$ ,  $c = -2$  and  $d = 7$  then evaluate the following formulae.

a)  $A = b^2 + c$       b)  $B = \frac{b}{3c + a}$       c)  $C = \frac{a^2 + 3}{\sqrt{bd + 7}}$

2) Rearrange the following formulae to make  $x$  the subject.

a)  $D = 2x + y$       b)  $E = 4 - 6x$       c)  $F = x^2 + 3a$       d)  $G = \frac{x}{2} - 5$   
e)  $H = \frac{\sqrt{x} - 2}{7}$       f)  $I = \frac{x^2}{7} - 3$       g)  $J = \frac{2\sqrt[3]{x}}{4} + y$