

Fill the table in for  $y=x-8$  for  $-3 \leq x \leq 7$

$x$	-3	-2	-1	0	1	2	3	4	5	6	7
$y$			-9							-2	

Write 84 as a product of its prime factors.

Expand the following:

$$-8(3x - 4)$$

$$\begin{array}{c|c|c} & 3x & -4 \\ \hline -8 & & \end{array}$$

$$6x(7x + 9)$$

$$\begin{array}{c|c|c} & 7x & +9 \\ \hline 6x & & \end{array}$$

Factorise the following

$$16x - 36$$

$$\underline{\hspace{2cm}} (\underline{\hspace{2cm}})$$