

14 (a) Complete the table of values for  $y = (x + 3)(x - 2)$ .

$x$	-4	-3	-2	-1	0	1	2	3
$y$	6		-4			-4		

[3]

(c) Write down the coordinates of the lowest point of the graph.

( ..... , ..... ) [1]

(d) Write down the equation of the line of symmetry of the graph.

..... [1]

(e) Use your graph to solve the equation  $(x + 3)(x - 2) = 3$ .

$x = \dots\dots\dots$  or  $x = \dots\dots\dots$  [2]

15 Beth thinks of a positive number,  $n$ .  
She squares  $n$  then subtracts 55.  
The answer is 9.

Work out the value of  $n$ .

$n = \dots\dots\dots$  [2]