

## Answers

Essential Skills 1	
1	$y - 2x + 8 = 0$
2	$y - 3x + 2 = 0$
3	$y - 2x + 1 = 0$
4	$y + 3x - 19 = 0$
5	$y + 2x - 4 = 0$
6	$6y - x + 10 = 0$
7	$y - 2x + 10 = 0$
8	$3y + x - 8 = 0$
9	$x = 3$
10	$y = 2$
AQ	(a) $3y + x - 3 = 0$ (b) $K(3, 0)$

Essential Skills 2	
1	$3y - x - 6 = 0$
2	$4y - x - 2 = 0$
3	$y - 3x - 10 = 0$
4	$y - x + 3 = 0$
5	$2y + 3x - 17 = 0$
6	$y - x - 5 = 0$
7	$y + x - 11 = 0$
8	$3y - 4x - 7 = 0$
9	$2y + 5x + 18 = 0$
10	$y = 6$
AQ	(a) $y + 2x + 1 = 0$ (b) $y - 3x + 1 = 0$ (c) $(0, -1)$

Essential Skills 3	
1	$y - x + 1 = 0$
2	$y - x + 6 = 0$
3	$y + 3x - 17 = 0$
4	$2y - x - 5 = 0$
5	$y + x = 0$
6	$y - 2x - 6 = 0$
7	$y - x - 7 = 0$
8	$y - 2x - 3 = 0$
9	$3y + 4x - 6 = 0$
10	$x = 4$
AQ	(a) $A(0, 3)$ (b) $2y - x - 6 = 0$ (c) $(8, 7)$

Essential Skills 4	
1	$y - 12x + 16 = 0$
2	$y + 6x + 16 = 0$
3	$3y - 2x - 18 = 0$
4	$y + x - 4 = 0$
5	$y - 10x + 11 = 0$
6	$y - 3x + 10 = 0$
7	$y - 2x + 7 = 0$
8	$y - 8x - 5 = 0$
9	$5y - x - 25 = 0$
10	$2y - x - 10 = 0$
AQ	$A(2, 4)$