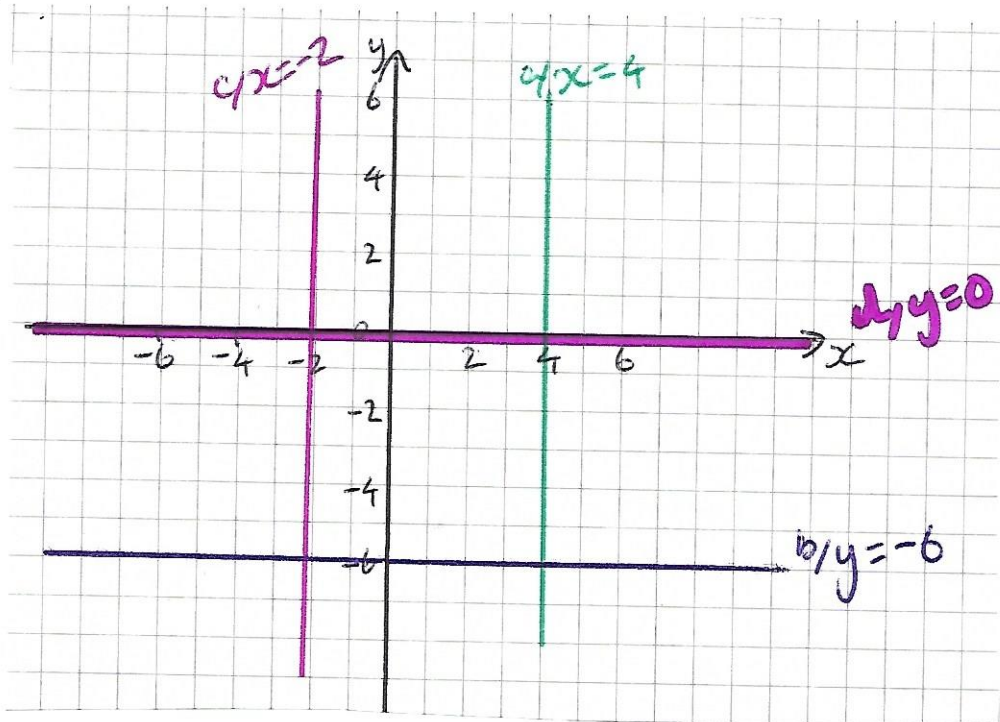


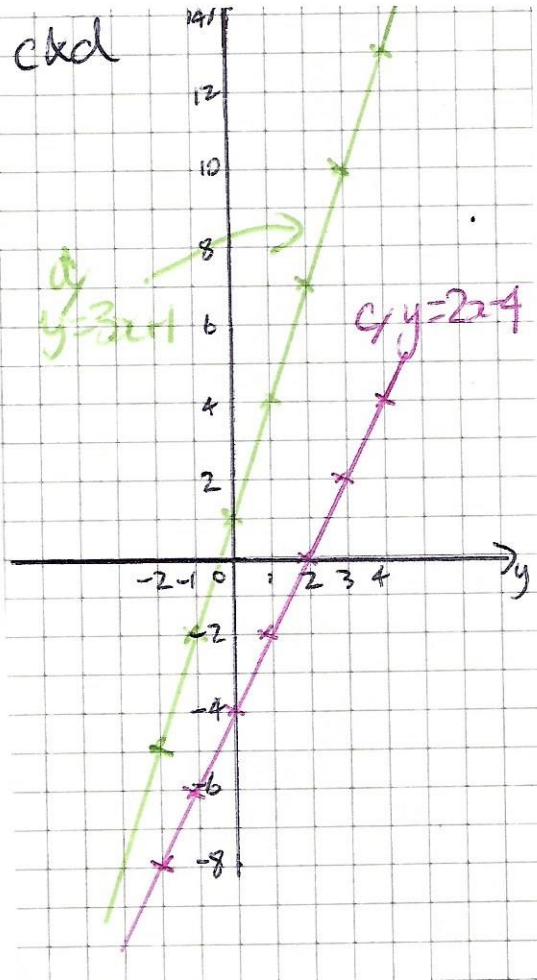
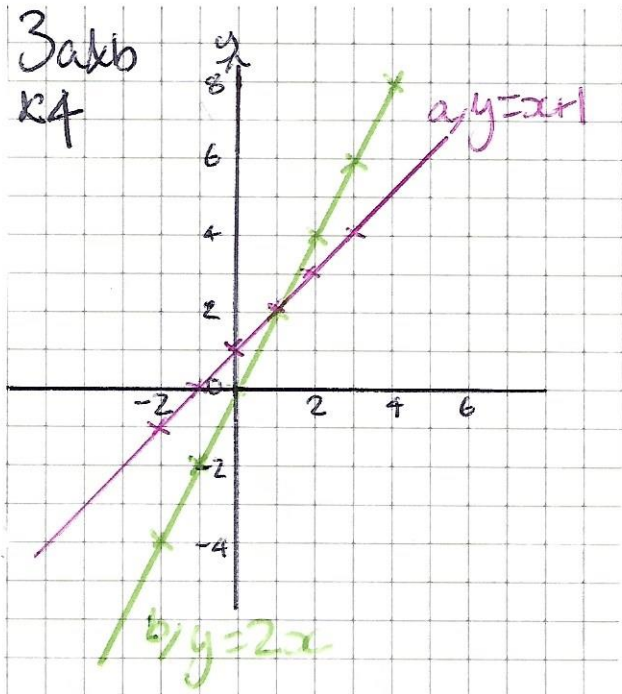
IGCSE 2 year week 7 answers

- | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------|--------|-------|-------|---------|--------|---------|-------|--------|--------|---------|--------|--------|-------|---------|-------|--------|--------|---------|-------|---------|--------|
| 1 a, i, 3 | ii, 5 | iii, 2 | iv, 0 | ii, 0 | iii, -3 | iv, -5 | i, i, 2 | ii, 6 | iii, 0 | iv, -4 | d, i, 6 | ii, 10 | iii, 4 | iv, 0 | e, i, 3 | ii, 9 | iii, 0 | iv, -6 | f, i, 2 | ii, 8 | iii, -1 | iv, -7 |
|-----------|-------|--------|-------|-------|---------|--------|---------|-------|--------|--------|---------|--------|--------|-------|---------|-------|--------|--------|---------|-------|---------|--------|

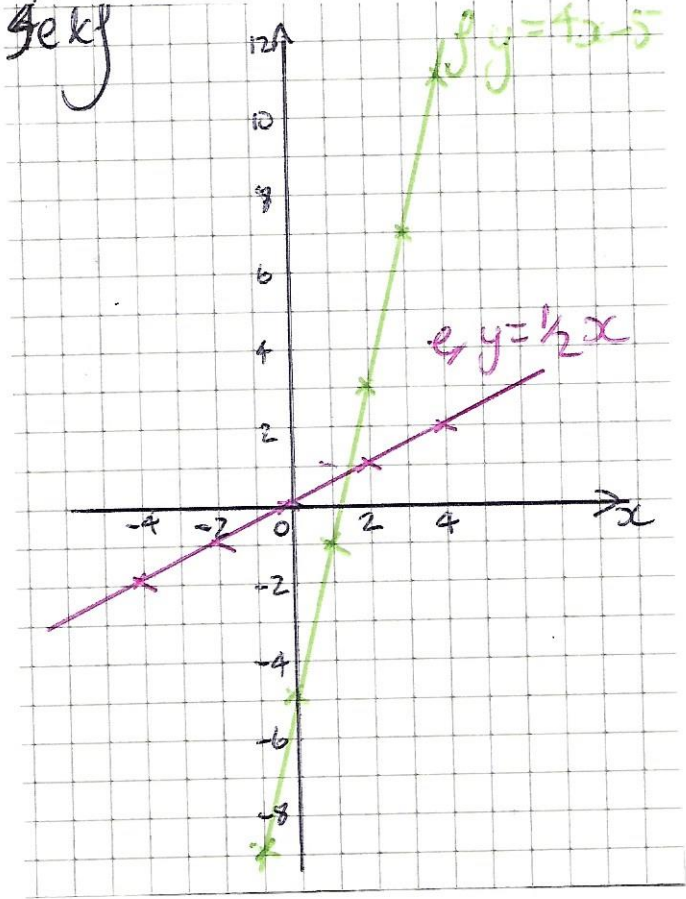
2,



3 a & b
K4



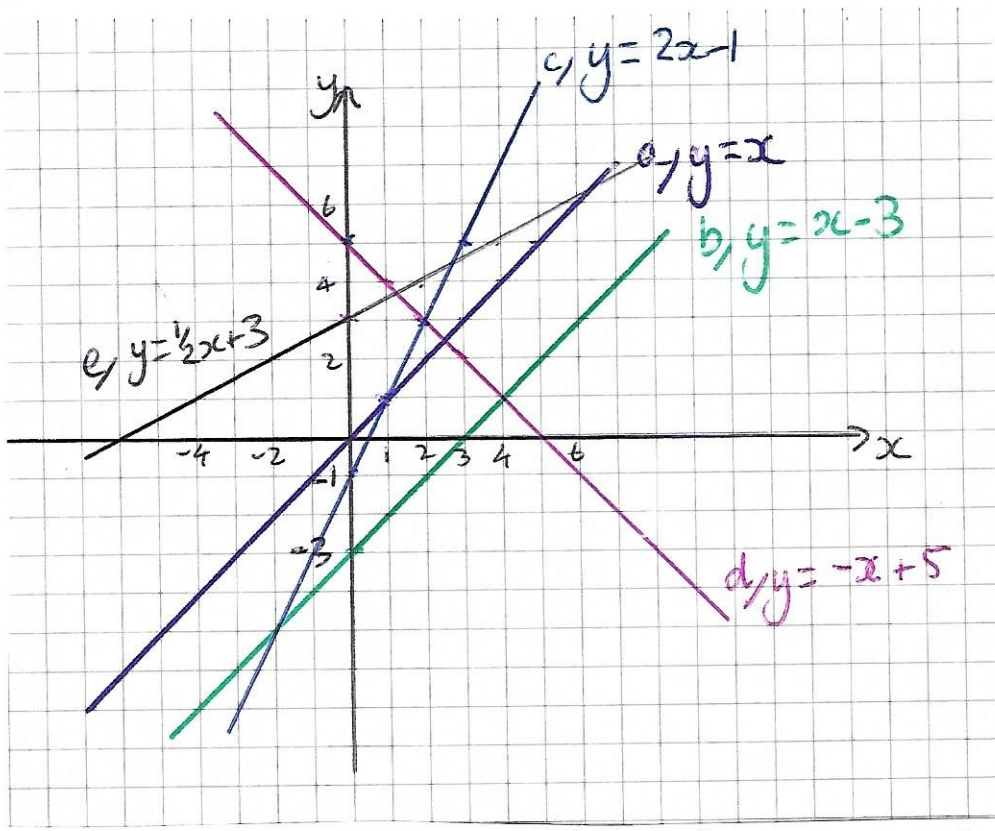
4e k f



5, gradient	a	b	c	d	e	f
	1	2	2	3	1/2	4
y intercept	1	0	-4	1	0	-5

6, Gradients
 a, 1 b, 2 c, -1 d, 1/3
 e, -2 f, 2/3 g, -1/2 h, 4

7,



8, a, grad=2 y intercept = -4 b, $y = \frac{1}{3}x + 4$ c, $y = -x$ d, $y = \frac{3}{2}x + 1$
 $y = 2x - 4$

9, a, $\frac{4-0}{2-0} = \frac{4}{2} = 2$ b, $\frac{5}{5} = 1$ c, $-\frac{6}{3} = \frac{6}{3} = 2$ d, $-\frac{6}{2} = -3$ e, $-\frac{8}{4} = -2$

10, a, $y = x + 5$ b, $y = 2x + 7$ c, $y = 3x - 2$ d, $y = 3x + 4$ e, $y = -2x + 9$