

Exercise 5E

- 1 a 6 b -12 c -15 d 28
 e -6 f -12 g -15 h -28
 i -6 j 12 k 20 l 28
 m 6 n 12 o 15 p -28
- 2 a -8 b -24 c 0 d -36
 e 9 f 0 g -100 h -14
 i 21 j 18 k -30 l -64
 m -100 n -32 o 26 p 30
- 3 a -1000 b -800 c 2100 d -600
 e 900 f 1500 g -300 h -240
 i 4200 j 2400 k -300 l -640
 m -1000 n -4000 o 600 p 900
- 4 a 10 b 3 c -2 d -100
 e -3 f -11 g -20 h 3
 i -120 j 0 k 0 l 0
- 5 a 24 b -24 c -25 d 28
 e -24 f -24 g 42 h -56
 i 24 j -24 k -25 l 28
 m 56 n -36 o -27 p 30
 q 300 r 120 s -800 t -840
 u 2100 v -500 w 42000 x -3500

6

\times	-8	-6	-4	-2	0	2	4	6	8
-8	64	48	32	16	0	-16	-32	-48	-64
-6	48	36	24	12	0	-12	-24	-36	-48
-4	32	24	16	8	0	-8	-16	-24	-32
-2	16	12	8	4	0	-4	-8	-12	-16
0	0	0	0	0	0	0	0	0	0
2	-16	-12	-8	-4	0	4	8	12	16
4	-32	-24	-16	-8	0	8	16	24	32
6	-48	-36	-24	-12	0	12	24	36	48
8	-64	-48	-32	-16	0	16	32	48	64

Exercise 5F

- 1 a 4 b -4 c 4 d -4
 e 2 f -2 g -2 h 2
 i -5 j 5 k -5 l 5
 m -4 n 4 o -4 p 4
 q -4 r 4 s 4 t -4
- 2 a 5 b 4 c -7 d -6
 e -7 f 12 g 6 h -11
 i 6 j -5 k 12 l -9
 m -7 n -4 o -4 p -21
 q -5 r 8 s 3 t 5
 u 9 v -29 w -9 x 8
- 3 a -5 b -7 c 7 d 36
 e 49 f 99 g 1 h -480
 i -2 j -4 k 6 l -1000
- 4 a -6 b 3 c -4 d -2
 e -5 f -2 g 1 h 2
 i -3
- 5 a 0 b 0 c 0 d 0
 e 6 f -6 g -6 h 6
 i -6 j 6 k -6 l -6
- 7 a

x	-10	-12	-2	0	4	2
y	-5	-6	-1	0	2	1

b

x	-10	-12	-2	0	4	2
y	5	6	1	0	-2	-1

c

x	-15	-10	-5	0	20	25
y	-3	-2	-1	0	4	5

d

x	-15	-10	-5	0	20	25
y	3	2	1	0	-4	-5