

3.5 Answers

GCSE Mathematics Functions I

3.5.1 Solutions to 3.2 A Numerical Example

(i)	28	(ii)	11	(iii)	− 4
(iv)	5				

[1, 1, 2, 2 marks]

3.5.2 Solutions to 3.3 Exercise

Answer 1

(i)	3	(ii)	27	(iii)	38
(iv)	67	(v)	28	(vi)	95
(vii)	23	(viii)	3	(ix)	− 45

[9 marks]

Answer 2

(i)	− 74	(ii)	12	(iii)	− 74
(iv)	− 12	(v)	− 39	(vi)	32
(vii)	− 75	(viii)	− 11	(ix)	325

[9 marks]

Answer 3

(i)	49	(ii)	49	(iii)	55
(iv)	9	(v)	43	(vi)	100
(vii)	601	(viii)	55	(ix)	16

[9 marks]

Answer 4

(i)	22	(ii)	51	(iii)	64
(iv)	352	(v)	312	(vi)	− 44

[9 marks]

Answer 5

(i)	30	(ii)	42	(iii)	1
(iv)	328	(v)	56	(vi)	− 2

[9 marks]

Answer 6

(i)	5	(ii)	35	(iii)	11
(iv)	3	(v)	0	(vi)	$\sqrt{10x + 11}$

[9 marks]