



Differentiation Collated Answers – Interpreting Graphs

2023 Question 3b.

(b)(i)	$x = 8$	• 2 out of 3 correct responses.
(ii)	$x = -4$	
(iii)	The limit does not exist.	

2022 Question 3b.

(b)(i)	$x = -4, -1, 1$	Two correct parts of question
(ii)	$x = -3, x > 1$	
(iii)	3	Three (b)

2021 Question 1b.

(b)(i)	(1) $x < 2, x = 4$ (2) $3 < x < 6$	2 out of 3 correct responses.
(ii)	3	

2019 Question 3b.

(b)(i)	1. $x = 2, x > 4$ 2. $x = -2, 1, 4$	Two correct solutions i.e. TWO of (i) 1, (i) 2 and
(ii)	Does not exist.	(ii).

2018 Question 2c.

(c)(i)	5	TWO out of five	THREE out of
(ii)	-3, 1	answers correct.	five answers
(iii)	(1) $1 < x < 3$ or $x > 7$ (2) 3 (3) 7		correct.

2017 Question 3c.

(c)	(i) 1. $x < -2, x = 2$ 2. -2, 1 3. -1, 0 4. $x > 1$	2 correct answers.	3 correct answers.
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(ii) 2

2016 Question 2c.

(c)(i) 1: $-1, 1$
2: $-2, -1, 1, 4$
3: $-4, 3, x > 4$
4: $1 < x < 4$

2 correct answers.

3 correct answers.

(ii) 1

2015 Question 2c.

(c)(i) 1. $x = 1$
2. $x = -1, 1, 2$
3. $-1 < x < 1$

Two correct answers.

Four correct answers.

(ii) 3

(iii) Does not exist.

2014 Question 2c.

(c)(i) 1. $-2, -1, 2$
2. $x < -2$
3. -2

2 correct answers

4 correct answers.

(ii) 4

(iii) 3

2013 Question 2d.

(d)(i) 1. $x = 1$
2. $x > 3$
3. $-2, -1, 3$

THREE correct answers (out of 5).

(ii) -3

(iii) Does not exist.

