AP Calculus BC

Free-Response Questions

Answer QUESTION 1 parts (a) and (b) on this page.

Response for question 1(a)

Response for question 1(b)

Page 4

Answer QUESTION 1 parts (c) and (d) on this page.

Response for question 1(c)

Response for question 1(d)

Page 5







Answer QUESTION 2 parts (a) and (b) on this page.

Response for question 2(a)

Response for question 2(b)

Page 6

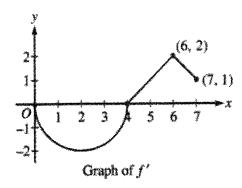
Answer QUESTION 2 parts (c) and (d) on this page.

Response for question 2(c)

Response for question 2(d)

Page 7

Answer QUESTION 3 parts (a) and (b) on this page.



Response for question 3(a)

Response for question 3(b)

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Answer QUESTION 4 parts (a) and (b) on this page.

t (days)	0	3	7	10	12
r'(t) (centimeters per day)	6.1	-5.0	4.4	3.8	-3.5

Response for question 4(a)

Response for question 4(b)

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Answer QUESTION 4 parts (c) and (d) on this page.

Response for question 4(c)

Response for question 4(d)

Answer QUESTION 5 part (a) on this page.

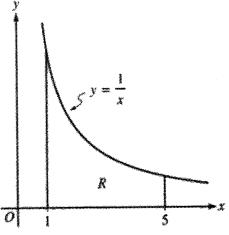


Figure 1

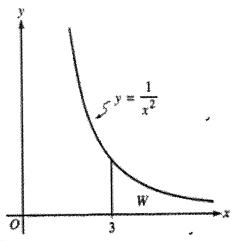


Figure 2

Response for question 5(a)

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