

## MATH 191: CALCULUS I EXERCISES

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Section	Exercises
<b>2.</b>	<b>Limits and Continuity</b>
2.1	(1, 4, 5, 8, 14, 16, 17, 20, 22)
2.2	(2, 6, 8, 10, 12, 18, 22, 28, 36, 48, 52, 54, 64, 68, 80, 81)
2.3	(2, 12, 16, 20, 36, 49, 54, 55, 60)
2.4	(2, 4, 8, 10, 16, 23, 30, 51)
2.5	(1, 4, 6, 10, 14, 20, 29, 31, 44, 53, 55)
2.6	(2, 6, 10, 14, 16, 26, 42, 58, 70, 80, 94)
<b>3.</b>	<b>Differentiation</b>
3.1	(1, 4, 8, 18, 22, 23, 28, 31)
3.2	(2, 12, 14, 23, 28, 30, 31, 32, 34, 46, 53)
3.3	(2, 10, 16, 26, 28, 54, 56, 61, 64, 70, 72, 78)
3.4	(2, 5, 6, 8, 10, 16, 20, 26, 29)
3.5	(2, 6, 18, 38, 47, 49, 58, 61, 62)
3.6	(2, 4, 6, 12, 20, 30, 38, 88, 92)
3.7	(2, 4, 6, 30, 32, 43, 48, 51)
3.8	(2, 6, 14, 28, 44, 64, 67, 73)
3.9	(2, 4, 10, 16, 22, 47, 49, 52, 54)
3.10	(2, 4, 9, 17, 20, 23, 28, 33, 40)
3.11	(2, 3, 5, 11, 12, 17, 20, 32, 40, 49, 54)
<b>4.</b>	<b>Applications of Derivatives</b>
4.1	(2, 4, 9, 12, 14, 16, 20, 26, 37, 42, 54, 72, 77)
4.2	(2, 7, 10, 14, 16, 21, 22, 34, 40, 48, 52)
4.3	(2, 10, 14, 16, 20, 36, 42, 66, 70, 79)
4.4	(2, 6, 8, 10, 40, 58, 60, 79, 82, 90, 103, 111)
4.5	(2, 4, 10, 30, 56, 76, 79, 82)
4.6	(1, 6, 9, 10, 20, 22, 38, 56)
4.7	(2, 4, 16, 30)
4.8	(2, 6, 8, 10, 14, 20, 24, 30)

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