

## IRC Practice

Date \_\_\_\_\_ Period \_\_\_\_\_

**For each problem, find the instantaneous rate of change of the function at the given value.**

1)  $y = x^2 - x - 2$ ;  $-1$

2)  $y = 2x^2 + x + 1$ ;  $1$

3)  $y = -x^2 + x - 2$ ;  $1$

4)  $y = x^2 + 2x - 1$ ;  $-4$

5)  $y = 2x^2 - 1$ ;  $-2$

6)  $y = 2x^2 - 2$ ;  $-2$

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 $-8$ 

6)  $y = 2x^2 - 2$ ;  $-2$

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