Tangent lines

Name _____ Date _____

1. $f(x) = 2x^2 - 2$ at $x = 1$ → _____

2. $f(x) = 2x^3 - 3x - 1$ at $x = 3$ → _____

3. $f(x) = -3x^2 - 4x - 4$ at $x = 0$ → _____

4. $f(x) = -2x^2 + 3x + 9$ at $x = 1$ → _____

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5. $f(x) = 3x^2 - 3x$ at $x = -1$ → _____

6. $f(x) = x^2 - 4x - 2$ at $x = -2$ → _____

7. $f(x) = x^2 + 4x + 8$ at $x = 2$ → _____

8. $f(x) = 2x^3 + x - 9$ at $x = 1$ → _____

9. $f(x) = 2x^2 - 3x + 4$ at $x = 2$ → _____