Maximum and minimum

Name _____ Date _____

1. $f(x) = x^3 - 9x^2 + 15x + 8 \rightarrow$ _____

2. $f(x) = 3x^3 + 27x^2 + 72x + 8 \rightarrow$ _____

3. $f(x) = -x^3 - 3x^2 + 9x - 2 \rightarrow$ _____

4. $f(x) = x^3 - 75x + 7 \rightarrow$ _____

5. $f(x) = x^3 - 9x^2 + 15x - 8 \rightarrow$ _____

Maximum and minimum

6. $f(x) = x^3 - 6x^2 + 9x - 3$ → _____

7. $f(x) = x^3 - 12x^2 + 45x + 2$ → _____

8. $f(x) = -x^3 + 75x - 3$ → _____

9. $f(x) = x^3 + 12x^2 + 45x - 9$ → _____

10. $f(x) = 3x^3 - 27x^2 + 72x - 4$ → _____