

1. Find a parabola with equation $y = ax^2 + bx + c$ that has slope 4 at $x = 1$, slope -8 at $x = -1$, and passes through the point $(2, 15)$.
2. Find equations of the tangent lines to the curve

$$y = \frac{x - 1}{x + 1}$$

that are parallel to the line $x - 2y = 2$.

3. P. 122 # 58
4. P. 122 #64
5. P. 126 #10
6. P. 127 #44
7. P. 131 #10
8. P. 131 #47