

Homework (winter/spring) #5 answers.

3.  $y$ -intercepts:  $y = \pm \frac{\sqrt{2}}{2}$ .

Tangent lines at the  $y$ -intercepts:  $y = -\frac{\sqrt{2}}{3}x + \frac{\sqrt{2}}{2}$  and  $y = \frac{\sqrt{2}}{3}x - \frac{\sqrt{2}}{2}$ .

4.  $y = x \pm 2$ .