

T/PC

Ch 4

Review WS 2 4.7+4.8

① $x \approx 986.057m$ ② $x \approx 769.421 ft$

③ $\theta \approx 4.764^\circ$ ④ $\sqrt{1-4x^2}$ ⑤ $\frac{\sqrt{1-9x^2}}{3x}$

⑥ Vertical stretch 2
Horizontal stretch 3
 $D[-3, 3]$ $R[-\pi, \pi]$

⑦ Vertical stretch 5
Horizontal shrink $\frac{1}{4}$
 $D[-\frac{1}{4}, \frac{1}{4}]$ $R[0, 5\pi]$

* 6-8
need
graphs

⑧ Vertical shrink $\frac{1}{2}$
Horizontal shrink $\frac{1}{2}$
 $D(-\infty, \infty)$ $R(-\frac{\pi}{4}, \frac{\pi}{4})$

⑨ $\pi/4$ ⑩ $-\frac{\sqrt{3}}{2}$

⑪ $-\pi/4$ ⑫ $-\pi/6$ ⑬ $\pi/3$