

# Chapter Test

1) x-ints:  $\left\{ \frac{16}{3} \right\}$   
y-ints:  $(0, 4)$   
no symmetry

2) x-ints:  $\left\{ \pm \frac{16}{3} \right\}$   
y-ints:  $(0, 4)$   
y-axis

3) x-ints:  $\{0, 4\}$   
y-ints:  $(0, 0)$   
no symmetry

4) x-ints:  $\{1, 7\}$   
y-ints:  $(0, 3)$   
no symmetry

5)  $-\frac{2}{3}$       6)  $(1, -4), (5, 2), (7, 5)$

7)  $y = \frac{2}{5}x + 4$       8) No

9) 7      10)  $10 - \sqrt{6-t}$       11)  $(-\infty, 3]$       12)  $\frac{\sqrt{3-x} - 1}{2-x}$

or  
↓  
 $\frac{1 - \sqrt{3-x}}{x-2}$