

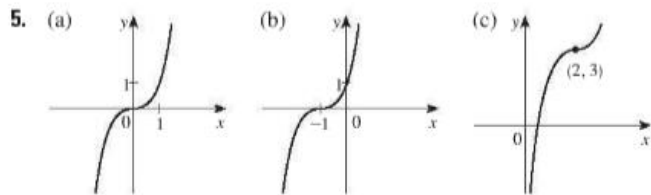
1. (a) $5\pi/3$ (b) $-\pi/10$
 2. (a) 150° (b) $360^\circ/\pi \approx 114.6^\circ$
 3. 2π cm
 4. (a) $\sqrt{3}$ (b) $-\frac{1}{2}$ (c) 2
 5. (a) $24 \sin \theta$ (b) $24 \cos \theta$

1. (a) -2 (b) 2.8
 (c) -3, 1 (d) -2.5, 0.3
 (e) $[-3, 3], [-2, 3]$

2. $12 + 6h + h^2$

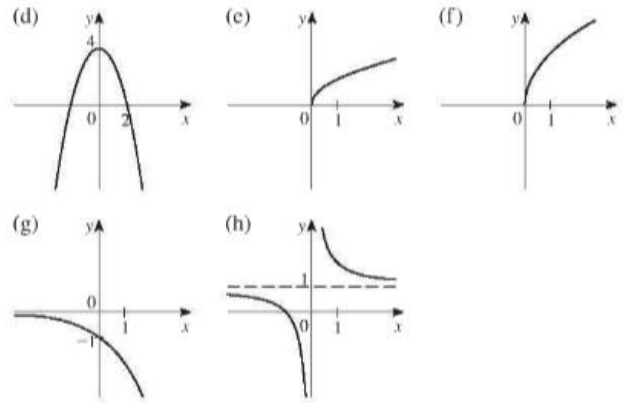
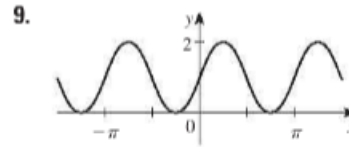
3. (a) $(-\infty, -2) \cup (-2, 1) \cup (1, \infty)$
 (b) $(-\infty, \infty)$
 (c) $(-\infty, -1] \cup [1, 4]$

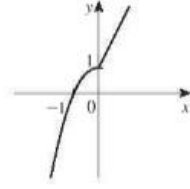
4. (a) Reflect about the x -axis
 (b) Stretch vertically by a factor of 2, then shift 1 unit downward
 (c) Shift 3 units to the right and 2 units upward



6. $\frac{1}{15}(4 + 6\sqrt{2})$

8. $0, \pi/3, \pi, 5\pi/3, 2\pi$



6. (a) -3, 3
 (b) 

7. (a) $(f \circ g)(x) = 4x^2 - 8x + 2$
 (b) $(g \circ f)(x) = 2x^2 + 4x - 5$
 (c) $(g \circ g \circ g)(x) = 8x - 21$