

Chp 0 Rev, Sample Test # 52, 54

Chp 1 Rev, Concepts Test # 8
Sample Test # 10, 14, 18, 20

Chp 2 Rev, Concepts Test # 16, 18, 26, 28, 32, 36
Sample Test # 36, 38, 40, 42, 44, 46

0 Rev #52) (a) $\sqrt{3}/2$ (b) 0 (c) $\sqrt{3}/2$

1 Rev #54) $\sin t (3 - 4 \sin^2 t)$

1 Rev ST #8) False

1 Rev ST #10) DNE

2 Rev ST #16) False

2 Rev ST #32) True

2 Rev ST #36) $\frac{1}{10\pi} \frac{M}{kr}$

2 Rev ST #40) (a) $y^{(20)} = 0$ (b) $y^{(20)} = 20!$ (c) $y^{(20)} = 7(20!) + 3(20!)$
(d) $y^{(20)} = \sin x + \cos x$ (e) $y^{(20)} = 2^{20} \sin(2x)$ (f) $y^{(20)} = \frac{20!}{x^{21}}$

2 Rev ST #42) tangent line slope $y^2 = 4x^3$ at $(1, 2) : 3$
" " to $2x^2 + 3y^2 = 14$ at $(1, 2) : \frac{1}{3} \perp$

2 Rev ST #44) (a) -0.0025 (b) 0.0025

2 Rev ST #46) 4.8 ft/sec (moving down)