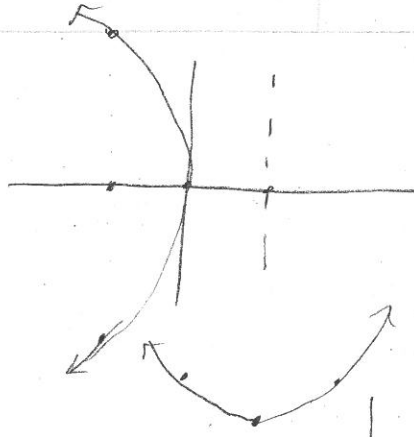


3 page comic review (from Pre Calc Book)

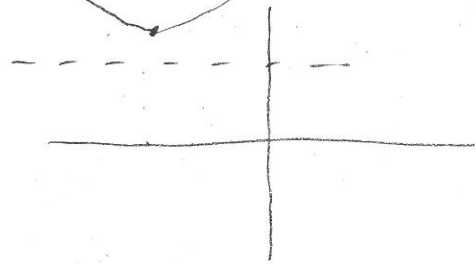
21) $(-2, 4) (-2, -4)$

$$x = -\frac{1}{8}y^2$$



29) $(-1, 4) (-5, 4)$

$$y = \frac{1}{4}(x+3)^2 + 3$$



37) $\frac{1}{8}(y-2)^2 - 1 = x$

V $(-1, 2)$

F $(1, 2)$

D: $x = -3$

43) $-\frac{1}{4}(y-2)^2 = x$

V $(0, 2)$

F $(-1, 2)$

D: $x = 1$

59) $\frac{25}{16}$ or 1.5625

63) 20 ft

60) $\frac{9}{8}$ or 1.125

64) $\frac{15}{10}$ 1.5 ft

61) 1 inch

65) 0.78125

62) $\pm 2\sqrt{2}$

42-381 50 SHEETS/EYE-LEVEL - 5 SQUARES
 42-382 100 SHEETS/EYE-LEVEL - 5 SQUARES
 42-383 225 SHEETS/EYE-LEVEL - 5 SQUARES
 National Brand

33) m (3, -1)
 v (3, -4)
 (3, 2)
 F (3, -1 ± √5)

41) m (1, -2) $\frac{(x-1)^2}{4} + \frac{(y+2)^2}{9} = 1$
 v (1, 1)
 (1, -5)
 F (1, -2 ± √5)

45) $\frac{(x-2)^2}{25} + \frac{(y+2)^2}{21} = 1$

49) $\frac{(x-2)^2}{16} + \frac{(y-1)^2}{7} = 1$

59) $\frac{x^2}{100} + \frac{y^2}{36} = 1$

62) 25.2 ft

63) $\frac{x^2}{3600} + \frac{y^2}{625} = 1$ x = 10, 24.65, x = 30, 21.65 x = 50, 13.82

64) 16.67 ft

$$33) \frac{(y+4)^2}{4} - \frac{(x+3)^2}{12} = 1$$

$$35) \frac{(x-5)^2}{1} - \frac{(y-7)^2}{3} = 1$$

$$44) m(-2, 3)$$

$$v(-2, 1)$$

$$(-2, 5)$$

$$F(-2, 3 \pm 2\sqrt{2})$$

$$y-3 = \pm(x+2)$$

$$49) m(3, -2)$$

$$v(1, -2)$$

$$(5, -2)$$

$$F(3 \pm \sqrt{20}, -2)$$

$$y+2 = \pm 2(x-3)$$

$$\frac{(x-3)^2}{4} - \frac{(y+2)^2}{16} = 1$$