

MATH 097 - FINAL
WINTER 2009
FORM A

- (1) 5
 (2) $\frac{9}{6}$ OR $\frac{3}{2}$
 (3) -43
 (4) 0.00253
 (5) 4.2×10^3
 (6) $C = 9P$
 (7) b
 (8) $3x^2 - xy + y^2$
 (9) $\frac{-5x^5}{d^2}$
 (10) $a^3 c^{14}$
 (11) $\frac{2x}{3}$
 (12) a) F
 b) T
 c) T
 (13) $y = 4$
 (14) $x = 20$
 (15) $x = -1, x = 7$
 (16) 25 OR 25%
 (17) $2w^2y(2 - 3w^2y)$
 (18) $(7+c)(7-c)$
 (19) $(x+6)(x-3)$
 (20) $x = -3, x = -7$
 (21) $z = 0, z = -6$
 (22) $x = \frac{19}{3}$

(23) $A = \frac{13-5c}{3}$

(24) 11.4 FT

(25) \$152.40

(26) $\frac{x}{12} = \frac{y}{3}$
 $-2 = \frac{-27}{5}$ (OR -5.4)

(27) (7, 0)
 (0, $-\frac{21}{5}$) OR (0, -4.25)

(28) $m = -2$

(29) POSITIVE:

NEGATIVE:

ZERO:

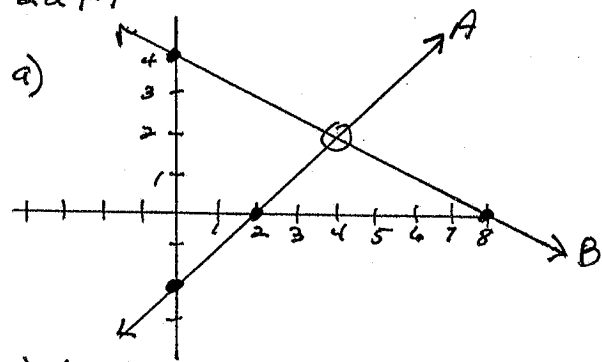
(30) 8

(31) a) \$635
 b) 47

(32) $\frac{5}{7}$

(33) 22 FT

(34) a)



b) (4, 2)

BONUS:

(B1) \$833,33

(B2) $\frac{\text{DOLLARS}}{\text{ROSES}}$