

Business PreCalculus MATH 1643 Section 004, Spring 2014
Worksheet 6

1- Solve the following:

a. $3(x + 2) = 4 - x$

b. $\frac{1-x}{4} + \frac{5x+1}{2} = 3 - \frac{2(x+1)}{8}$

c. $5 - (6y + 9) + 2y = 2(y + 1)$

d. $2x - 3(2 - x) = (x - 3) + 2x + 1$

e. $\frac{x+4}{3} + 2x - \frac{1}{2} = \frac{3x+2}{6}$

2- Solve each formula for the indicated variables:

a. $A = P(1 + rt)$ for t .

b. $A = 2\pi r x + \pi r^2$ for x .

c. $T = a + (n - 1)d$ for d .