

# ARRANGED HOUR FOR MATH 50

## Math 50 – Section 8.4

### Solving Formulas

Name \_\_\_\_\_

Instructor \_\_\_\_\_

Date \_\_\_\_\_

1. Given the formula, solve for the indicated variable (show your work in the space provided).

a. If  $y = \frac{2}{3}x - 5$ , solve for x. \_\_\_\_\_

b. If  $y = 4xwz$ , solve for w. \_\_\_\_\_

c. If  $E = Z \frac{s}{\sqrt{n}}$ , solve for n. \_\_\_\_\_

d.  $s = \frac{x - \bar{x}}{z}$ , solve for x. \_\_\_\_\_

e.  $x = z\sigma + \mu$ , solve for  $\sigma$ . \_\_\_\_\_