

# Solving for x 02: Intro to Variables



Name \_\_\_\_\_

Write an equation for how much you will spend if you buy **b** bananas for \$1.50 each:

$$T = \underline{\quad} \cdot \underline{\quad}$$

How much will you spend if you buy 3 bananas?

$$T = \underline{\quad} \cdot \underline{\quad} = \$\underline{\quad}$$

Name the coefficients and terms in  $6y^3 - 7y + 14z^3 + y$

Coefficients:  $\underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}$       Terms:  $\underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}$

Evaluate these expressions:

$$-9b+4, \quad b=7: \underline{\quad} \qquad j(3k^2-10), \quad j=8, k=2: \underline{\quad}$$

$$\frac{-mn+5}{(m+n^2)}, \quad m=-3, n=2: \underline{\quad} \qquad c^2, \quad c=-4: \underline{\quad}$$

$$-c^2, \quad c=-4: \underline{\quad} \qquad e^3, \quad e=-2: \underline{\quad}$$

$$-e^3, \quad e=-2: \underline{\quad}$$