3 - 5
Variables and Expressions

variable: a letter that represents an unknown number

Write an expression.

Ex: eight more than a number

$$8 + x$$

Ex: five less than a number

$$x - 5$$

Ex: a number divided by three

$$x \div 3 \qquad \frac{x}{3}$$

Ex: five more than three times a number

$$5 + 3x$$

$$5 + 3 \cdot x$$

Evaluate each expression.
Let x = 2, y = 3, and z = -2.

Ex: y + 1
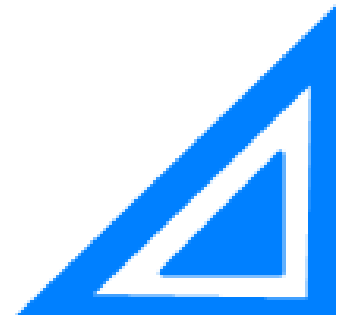
$3 + 1$

$\boxed{4}$

Ex: 2x + 3

$2 \cdot 2 + 3$

$4 + 3$

$\boxed{7}$

Ex: 4z

$4 \cdot -2$

$\boxed{-8}$

Homework:

p.126 #16 - 34 even