# Evaluating and Solving with function notation

# Evaluate at each function at the given value.

1. If $f(x) = 2x – 5$, find $f(3) =$

2. If $f(x) = 6x + 2$, find $f(-2) =$

3. If $f(x) = .5x + 12$, find $f(0) =$

4. If $f(x) = -3x – 5$, find $f(3) =$

5. If $f(x) = -x – 7$, find $f(-2) =$

6. If $f(x) = -.75x – 10$, find $f(0) =$

# Solve each function for x.

1. If $f(x) = 2x – 5$, solve for x if $f(x) =10$

2. If $f(x) = 6x + 2$, solve for x if $f(x) = 8$

3. If $f(x) = .5x + 12$, solve for x if $f(x) = 6$

4. If $f(x) = -3x – 5$, solve for x if $f(x) = -10$

5. If $f(x) = -x – 7$, solve for x if $f(x) = -8$

6. If $f(x) = -.75x – 10$, solve for x if $f(x)= 0$

# Solve each function for x or Evaluate each function.

1. If $f(x) = -3x – 6$, solve for x if $f(x) =12$

2. If $f(x) = 6x + 2$, find $f(3) =$

3. If $f(x) = -5x + 12$, find $f(-4) =$

4. If $f(x) = 4x + 10$, solve for x if $f(x) = -10$

5. If $f(x) = -7x – 7$, solve for x if $f(x) = 14$

6. If $f(x) = -5x – 10$, find $f(-2)=$