

# Basic Algebra

Set 1-7b

Solve the following for x:

1)  $2x - 5 = 10$

2)  $-5x \leq 8$

3)  $x - 5 > -9$

4)  $\frac{3}{8}x + 2 < 6$

- 5) *Arnold has \$400 to spend on pants. Each pair costs \$30.*
- a) *Set up an equation that represents this.*
  - b) *How many pairs of pants can Arnold buy?*