

# ALGEBRAIC EQUATIONS

## Worksheet

**1)** Solve for x:

a)  $x - 2 = 9$  \_\_\_\_\_

b)  $x + 3 = 11$  \_\_\_\_\_

c)  $2x = 12$  \_\_\_\_\_

d)  $x/5 = 3$  \_\_\_\_\_

**2)** Solve for x and y in the following equation:

$$3x + 4y = 9$$

What difficulty do you experience?

**3)** Algebraic equations can be related to help us understand and solve the problems we encounter in life. Referring to Sura al-Maida (ch.5): verse 9, offer two examples of how to solve an equation (problem) in life.

**4)** Name four types of professional folk who are posing as our problem fixers ('solvers')?