

# Homework Assignment 4A1

(To be used following Lesson 3)

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. Determine the sum. Explain your strategy for rearranging or regrouping to determine the sum.

$$4 + 7 + 6 = n$$

2. Write an equation for the story problem below and describe a strategy that can be used to solve it.

Shawntel has 12 short-sleeved shirts, 8 long-sleeved shirts and 7 sleeveless shirts. How many shirts does she have in all?

Equation:

Describe your strategy.

3. Solve for the missing numbers in the equations below.

$$n - 4 = 11$$

$$n = \underline{\quad}$$

$$6 + n = 12$$

$$n = \underline{\quad}$$

$$3 + n = 17$$

$$n = \underline{\quad}$$

$$7 + 5 = n$$

$$n = \underline{\quad}$$

$$14 - 5 = n$$

$$n = \underline{\quad}$$

$$5 + n = 17$$

$$n = \underline{\quad}$$

$$n + 8 = 12$$

$$n = \underline{\quad}$$

$$18 - n = 10$$

$$n = \underline{\quad}$$

$$n - 7 = 2$$

$$n = \underline{\quad}$$

4. Write an equation for the story problem and describe a strategy that can be used to solve it.

Jessica baked some cupcakes. She baked 24 on Friday. She baked some more on Saturday which gave her 32 cupcakes in all. Write an equation to show how many cupcakes Jessica baked on Saturday.

Equation:

Describe your strategy.