U3D8

<u>"Number" Story Questions</u>

Example 1: Write an equation using only one variable to represent each sentence. Write a let statement to represent the variable chosen. DO NOT SOLVE.

a) Two times a number plus twelve is twenty.

- b) Susan is 8 years older than her brother, Tim. The sum of their ages is 82.
- c) Find two consecutive odd numbers whose sum is 300.
- d) Find three consecutive even numbers whose sum is -66.
- e) Jackie, Ainsley, and Steph play together on a line on W-O's girls hockey team. At the end of the season, Ainsley had scored 10 more goals than Jackie and Steph scored 3 times as many goals as Jackie. The three girls scored a total of 55 goals. How many goals did each girl score?
- f) Donna is 4 years older than her sister, Jennifer. Five years from now, the sum of their ages will be 30. How old are the sisters now?
- g) The sum of two numbers is 14. Seven times on number minus 3 times the other number is 58. Find the numbers.

U3D8 Practice: Pages 226-227 #1 – 11. Extra Practice: Worksheet 3.4