

Name _____

Math 94 In-class Exercise 12 [Section 3.1]

- (a) Select a letter to represent one quantity and state what that variable represents;
(b) express the second quantity in terms of the variable selected.

EXAMPLE: My dog weighs 1.5 times as much as my cat.

Answers: (a) Let c = my cat's weight. (b) Then, $1.5c$ = my dog's weight

1. The price of a sweater was cut in half.
2. Al weighs 50 pounds more than Marsha.
3. A BMW cost \$2000 less than twice as much as a Toyota.