

1. Create a scenario that can be represented by the following expressions:

a.  $8 - 5$

b.  $8p - 5p$

2. Define the following vocabulary in your own words:

a. Variable:

b. Constant:

c. Coefficient:

d. Term:

e. Explain the difference(s) between expression and equation:

3. Label each part of the expression using the appropriate vocabulary word (use each vocabulary word once):

$$8p - 5p + 40$$

4. Mr. Sacco went to Dunn Brothers this morning. A coffee costs \$2.25 and a muffin costs \$1.75. He also left a \$3 tip. Determine what each piece means in context of the problem.

$$2.25c+1.75m+3$$

- a. 2.25
- b. m
- c. 1.75m
- d.  $2.25c+1.75m$
- e.  $2.25c+1.75m+3$
5. Label the parts of the expression using your vocabulary words: Variable, Coefficient, Constant, and Term
- a. 2.25
- b. m
- c. 1.75m
- d.  $2.25c+1.75m$
- e.  $2.25c+1.75m+3$
6. Is this an equation or an expression? How do you know?
7. I gave him \$20 to get whatever he wants. How do I add that in?