

Name \_\_\_\_\_

Date \_\_\_\_\_

### Writing Expressions In Different Ways - Matching Worksheet

Match the word problems to their answers. Write the letter of the answer that matches the problem. Note that the units of measure have been removed to make the problems more challenging.

- \_\_\_\_\_ 1. Matthew eats 2 tomatoes per hour.  
Ashley eats 3 tomatoes per hour. This week Ashley eats an additional 3 tomatoes. Write an expression that represents the number of tomatoes they ate this week.
- \_\_\_\_\_ 2. Jacob is a marketing manager. His daily salary is \$30. He has an incremental salary increase each year of 4%. What will be his daily salary next year?
- \_\_\_\_\_ 3. Nicholas wants to purchase some paper ink. All varieties of ink are \$2.50. Nicholas buys black ink and red ink. Write an expression that represents the total cost.
- \_\_\_\_\_ 4. Ryan's hair is 46 cm long. Every year his hair grows 6% longer. What will be his hair length next year?
- \_\_\_\_\_ 5. Brianna likes yogurt. She wants to purchase some yogurt. All varieties of yogurt are \$6.30. Brianna buys strawberry yogurt and vanilla yogurt. Write an expression that represents the total cost.
- \_\_\_\_\_ 6. Kayla has a penny jar that has 4 inches of pennies in it. Every week she fills the jar by an additional 2%. How many inches thick will the penny jar be next week?
- a.  $2.50b + 2.50r$
- b.  $6.30s + 6.30v$
- c.  $2M + 3A + 3$
- d. 31.2
- e. 48.76
- f. 4.08

