

3.2**Writing Expressions****Homework Day 4**

Mark the text by underlining key words, and then write an expression using variables and numbers for each of the statements below.

1. Justin can type w words per minute. Melvin can type 4 times as many words as Justin. Write an expression that represents the rate at which Melvin can type.

Answer: _____

2. Yohanna swam y yards yesterday. Sheylin swam 5 yards less than half the amount of yards as Yohanna. Write an expression that represents the number of yards Sheylin swam yesterday.

Answer: _____

3. A number d is decreased by 5 and then doubled.

Answer: _____

4. Nahom had n baseball cards, and Semir had s baseball cards. They combined their baseball cards and then sold 10 of them.

Answer: _____

5. The sum of 25 and h is divided by f cubed.

Answer: _____

Write an expression using letters and/or numbers for each problem below.

1. 4 less than the quantity of 8 times n

Answer: _____

2. 6 times the sum of y and 11

Answer: _____

3. The square of m reduced by 49

Answer: _____

4. The quotient when the quantity of 17 plus p is divided by 8

Answer: _____

5. Jim earned j in tips, and Steve earned s in tips. They combine their tips and then split them equally.

Answer: _____

6. Owen has c collector cards. He quadruples the number of cards he has and then combines them with Ian, who has i collector cards.

Answer: _____

7. Rae runs 4 times as many miles as Madison and Aaliyah combined. Madison runs m miles, and Aaliyah runs a miles.

Answer: _____

8. By using coupons, Mary Jo is able to decrease the retail price of her groceries, g , by \$125.

Answer: _____

9. To calculate the area of a triangle, you find the product of the base and height and then divide by 2.

Answer: _____

10. The temperature today was 10 degrees colder than twice yesterday's temperature, t .

Answer: _____