Writing Expressions Worksheets

Write an expression using variables and/or numbers for each statement.

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.

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.

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

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

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

6. Marissa's hair was 10 inches long, and then she cut h inches.

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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.

$$4w$$

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.

$$\frac{y}{2} - 5 \; or \; y \div 2 - 5 \; or \; \frac{1}{2}y - 5$$

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

$$n + s - 10$$

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

$$2(d - 5)$$

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

$$\frac{25+h}{f^3} \; or \; (25 + h) \div f^3$$

6. Marissa's hair was 10 inches long, and then she cut h inches.

$$10 - h$$