Lesson 16: Write Expressions in Which Letters Stand for Numbers

Problem Set

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 $times as many words as Justin. Write an expression that represents the rate at which Melvin can type.
2. Yohanna swam$ 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. A number $d$ is decreased by $5$ and then doubled.
4. Nahom had $n$ baseball cards, and Semir had $s$ baseball cards. They combined their baseball cards and then sold $10$ of them.
5. The sum of $25$ and $h$ is divided by $f$ cubed.