Lesson 1: Writing Equations Using Symbols

Classwork

Exercises

Write each of the following statements using symbolic language.

1. The sum of four consecutive even integers is -28.

2. A number is four times larger than the square of half the number.

3. Steven has some money. If he spends 9.00, then he will have $\frac{3}{5}$ of the amount he started with.

4. The sum of a number squared and three less than twice the number is 129.

5. Miriam read a book with an unknown number of pages. The first week, she read five less than $\frac{1}{3}$ of the pages. The second week, she read 171 more pages and finished the book. Write an equation that represents the total number of pages in the book.