

1. Use words to write the number 21 400 107.
2. Use digits to write the number two hundred five million, thirty-four thousand.
3. The following number is written in expanded form. Write it in standard form.

$$2 \cdot 1000\,000 + 4 \cdot 100\,000 + 9 \cdot 100 + 7 \cdot 1$$

4. Rounding.
  - (a) Round 381 277 to the nearest hundred.
  - (b) Round 381 277 to the nearest thousand.
5. The sides of a rectangle are sides 14 in and 20 in.
  - (a) Find the perimeter of the rectangle.
  - (b) Find the area of the rectangle.
6. Average.
  - (a) Find the average of 2, 7, 10, and 5.
  - (b) Find the average of 2, 0, 7, 0, 10, and 5.
7. Perform the following operations. Show all steps.

(a)  $\frac{5^2 - 2^2}{3^2 - 2^3} =$

(b)  $4^2 + 1^3 - 2^4 =$

(c)  $\frac{2 \cdot (3 \cdot 5 - 3^2)}{1^1 + 1^2 + 1^3} =$

(d)  $7 - \frac{32}{8} =$

(e)  $\frac{24}{3} - 2^2 + 4 \cdot (6 - 4) =$

(f)  $\frac{(1 + 1^2)(2^3 + 1)(2 \cdot 6 - 2)}{2 \cdot 3 + 3^2} =$

(g)  $60 \div 10 \div 2 =$