

- Use words to write the number 21 400 107.  
**twenty-one million, four hundred thousand, one hundred seven**
- Use digits to write the number two hundred five million, thirty-four thousand. **205 034 000**
- The following number is written in expanded form. Write it in standard form. **2400 907**

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

- Rounding.
  - Round 381 277 to the nearest hundred. **381 300**
  - Round 381 277 to the nearest thousand. **381 000**
- The sides of a rectangle are sides 14 in and 20 in.
  - Find the perimeter of the rectangle.  **$P = 68$  in**
  - Find the area of the rectangle.  **$280$  in<sup>2</sup>**
- Average.
  - Find the average of 2, 7, 10, and 5. **6**
  - Find the average of 2, 0, 7, 0, 10, and 5. **4**

- Perform the following operations. Show all steps.

(a)  $\frac{5^2 - 2^2}{3^2 - 2^3} = 21$

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

(c)  $\frac{2 \cdot (3 \cdot 5 - 3^2)}{1^1 + 1^2 + 1^3} = 4$

(d)  $7 - \frac{32}{8} = 3$

(e)  $\frac{24}{3} - 2^2 + 4 \cdot (6 - 4) = 12$

(f)  $\frac{(1 + 1^2)(2^3 + 1)(2 \cdot 6 - 2)}{2 \cdot 3 + 3^2} = 12$

(g)  $60 \div 10 \div 2 = 3$