

- Use words to write the number 2 004 058. **two million, four thousand, fifty-eight**
- The following number is written in standard form. Write it in expanded form. 3 107 608

$$3 \cdot 1\,000\,000 + 1 \cdot 100\,000 + 7 \cdot 1\,000 + 6 \cdot 100 + 8 \cdot 1$$

- Round 106 815

- to the nearest ten. **106 820**
- to the nearest ten thousand. **110 000**

- The sides of a rectangle are 142 m and 31 m long.

- Find the perimeter of the rectangle. Include units in your answer. **$P = 346$ m**
- Find the area of the rectangle. Include units in your answer. **$A = 4402$ m²**

- Consider the following numbers: 3579, 2460, 777, 2008, 813, 2335

- Find all numbers from the list that are divisible by 3. **3579, 2460, 777, 813**
- Find all numbers from the list that are divisible by 4. **2460, 2008**
- Find all numbers from the list that are divisible by 12. **2460**
- Find all numbers from the list that are divisible by 5. **2460, 2335**
- Find all numbers from the list that are divisible by 15. **2460**

- List all factors of 150. **1, 2, 3, 5, 6, 10, 15, 25, 30, 50, 75, 150**

- Find the least common multiple of 150 and 200. **600**

- Find the average of 11, -54, 138, -29, and -21. **9**

- Perform the following operations. Show all steps.

- $-12 + 5 + (-2) + 11 + (-4) =$ **-2**
- $|2 + (-8)| + |-8| + |2 + (-3)| =$ **15**
- $9 + (-5) + (-15) + 3 + (-21) =$ **-29**
- $|-5| + (-5) + |3| + |-3| - |-3| =$ **3**
- $|-10 + 4| =$ **6**
- $|-10| + |4| =$ **14**

- Let $x = 10$, $y = 6$, and $z = 2$. Evaluate each of the following expressions.

- $x + 8 + (2y - 7)^2 - 3z =$ **37**
- $\frac{x + 12 + y + (-4) - 2z + 20 - z^2}{y^2} =$ **1**
- $|x - 8| + |y - 8| + |z - 8| =$ **10**

11. Solve each of the following equations. Make sure to check your solution.

(a) $x + 8 = 19$ **11**

(b) $a \div 4 = 7$ **28**

(c) $y - 3 = 3$ **6**

(d) $2b = 120$ **60**