

1. Use words to write the number 2 004 058.
2. The following number is written in standard form. Write it in expanded form. 3 107 608
3. Round 106 815
 - (a) to the nearest ten.
 - (b) to the nearest ten thousand.
4. The sides of a rectangle are 142 m and 31 m long.
 - (a) Find the perimeter of the rectangle. Include units in your answer.
 - (b) Find the area of the rectangle. Include units in your answer.
5. Consider the following numbers: 3579, 2460, 777, 2008, 813, 2335
 - (a) Find all numbers from the list that are divisible by 3.
 - (b) Find all numbers from the list that are divisible by 4.
 - (c) Find all numbers from the list that are divisible by 12.
 - (d) Find all numbers from the list that are divisible by 5.
 - (e) Find all numbers from the list that are divisible by 15.
6. List all factors of 150.
7. Find the least common multiple of 150 and 200.
8. Find the average of 11, -54 , 138, -29 , and -21 .
9. Perform the following operations. Show all steps.
 - (a) $-12 + 5 + (-2) + 11 + (-4) =$
 - (b) $|2 + (-8)| + |-8| + |2 + (-3)| =$
 - (c) $9 + (-5) + (-15) + 3 + (-21) =$
 - (d) $|-5| + (-5) + |3| + |-3| - |-3| =$
 - (e) $|-10 + 4| =$
 - (f) $|-10| + |4| =$
10. Let $x = 10$, $y = 6$, and $z = 2$. Evaluate each of the following expressions.
 - (a) $x + 8 + (2y - 7)^2 - 3z =$
 - (b) $\frac{x + 12 + y + (-4) - 2z + 20 - z^2}{y^2} =$
 - (c) $|x - 8| + |y - 8| + |z - 8| =$

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

(a) $x + 8 = 19$

(b) $a \div 4 = 7$

(c) $y - 3 = 3$

(d) $2b = 120$