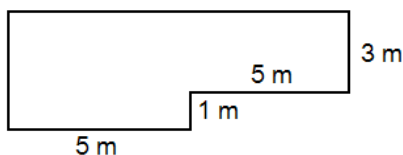


- Use words to write the number 207 000 401. **two hundred seven million, four hundred one**
- Round 217 392 to the nearest thousand. **217 000**
- Consider the numbers: 710, 4801, 373 737, 12 321, 600
 - Find all numbers from the list that are divisible by 3. **373 737, 12 321, 600**
 - Find all numbers from the list that are divisible by 5. **710, 600**
 - Find all numbers from the list that are divisible by 20. **600**
- Find the least common multiple of 200 and 350. **1400**
- Consider the figure shown on the picture below.



- Find the perimeter of the figure. Show units in your computation and answer. **$P = 28$ m**
 - Find the area of the figure. Show units in your computation and answer. **$A = 35$ m²**
- Perform the operations as indicated. Show all steps.
 - $-3^2 - (-3)^2 =$ **-18**
 - $-2^3 - (-2)^3 =$ **0**
 - $|3| - |-8| =$ **-5**
 - $-4(-3 - 2) - 5(-2) - 2|-4| =$ **22**
 - $\frac{5(-2^2 - (-2)^2)}{-4 - 6(-2)} =$ **-5**
 - $\frac{-3(5(-2 - 1) - (6 - 10 \div 2))}{-1(-3 - 2(-2))} =$ **-48**
 - $(-3)^3 - (-2)^3 - |-3| =$ **-22**
 - $-2((5 - 3) - (3 - 8)) =$ **-14**

7. Evaluate each of the following expressions.

(a) $a(a^3 - b) - b$ if $a = -2$ and $b = 3$. **19**

(b) $x(y - a) + a(y - x)$ if $a = -1$, $x = -3$, and $y = -2$. **2**

(c) $-b(b - a)$ if $a = -2$ and $b = 1$. **-3**

(d) $1 + a + a^2 + a^3 + a^4$ if $a = -2$. **11**

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

(a) $2x + 1 = 19$ **9**

(b) $5x - 2 = 23$ **5**

(c) $-2x + 8 = 10$ **-1**

(d) $3x - 4 = 29$ **11**

(e) $\frac{x}{-2} + 5 = 2$ **6**