1. The sides of a rectangle are 3 in and 7 in long.
   (a) Find the perimeter of the rectangle.
   (b) Find the area of the rectangle.

2. Consider the following numbers: 360, 605, 1250, 9198, 111 000.
   (a) Use the rule of divisibility by 2 to find all numbers from the list that are divisible by 2.
   (b) Use the rule of divisibility by 5 to find all numbers from the list that are divisible by 5.
   (c) Use the rule of divisibility by 10 to find all numbers from the list that are divisible by 10.

3. Perform the following operations. Show all steps.
   (a) $120 \div 4 \div 2 =$
   (b) $18 + 24 \div 3 =$
   (c) $\dfrac{18+24}{3} =$
   (d) $(7-2)^2 =$
   (e) $7^2 - 2^2 =$
   (f) $18 - 5 - 1 =$
   (g) $16 \cdot \dfrac{2^5 - 5^2}{2^3 - 1^3} =$
   (h) $\dfrac{5 + (5^2 - 3^2) + (5^3 - 3^3) - 3}{5^2 + (5-3)^2} =$
   (i) $2^6 - 2\left(3^2 + 2^3\right) + 3\left(2\left(15 - 2^3\right) - 2^2\right) =$
   (j) $4\left(3\left(2\left(2^2 - 1\right) + 1\right) - 11\right) - (8-2)^2 =$
   (k) $\dfrac{(3^3 - 4 \cdot 5) - (2^2 - 2^1)}{4^2 - (3^2 + 2)} =$

4. Perform the following divisions. Express your answer by giving the quotient and the remainder. For example, $71 \div 5 = 14$ R 1.
   (a) $2005 \div 5 =$
   (b) $2005 \div 7 =$

5. We will receive some money! \$1000 will be split into 5 equal shares and we will receive 2 shares from these. How much money are we getting?

6. Insert parentheses into the following statement so that it becomes true:

$$2 \cdot 8 - 3 + 3 \cdot 5 - 4 = 21$$