

- Use words to write the number 20 003 001. **twenty million, three thousand, one**
- The number 20 600 043 is written in standard form. Write it in expanded form.  
 **$2 \cdot 10\,000\,000 + 6 \cdot 100\,000 + 4 \cdot 10 + 3 \cdot 1$**
- Rounding.
  - Round 20 600 043 to the nearest million. **21 000 000**
  - Round 20 600 043 to the nearest ten million. **20 000 000**
- The sides of a rectangle are 17 m and 3 m long.
  - Find the perimeter of the rectangle. Include units in your answer.  **$P = 40$  m**
  - Find the area of the rectangle. Include units in your answer.  **$A = 51$  m<sup>2</sup>**
- Consider the following numbers: 2100, 35 691, 24 001, 555, 29 000, 375
  - Use the rule of divisibility by 2 to find all numbers from the list that are divisible by 2.  
**2100, 29 000**
  - Use the rule of divisibility by 3 to find all numbers from the list that are divisible by 3.  
**2100, 35 691, 555, 375**
  - Use the rule of divisibility by 5 to find all numbers from the list that are divisible by 5.  
**2100, 555, 29 000, 375**
- List all the factors of 80. **1, 2, 4, 5, 8, 10, 16, 20, 40, 80**
- List the ten smallest prime numbers. **2, 3, 5, 7, 11, 13, 17, 19, 23, 29**
- Find the prime factorization for 1800.  **$1800 = 2^3 \cdot 3^2 \cdot 5^2$**
- Use the prime factorization method to find the least common multiple of 30 and 75. **150**
- Perform the following divisions. Express your answer by giving the quotient and the remainder. For example,  $17 \div 5 = 3$  R 2.
  - $182456 \div 21 =$  **8688 R 8**
  - $132000 \div 23 =$  **5739 R 3**
- Perform the following operations. Show all steps.
  - $\frac{5^2 - (4^2 + 3(2)) + 6 - 2^2 - 3}{2^3 - 3(2)} =$  **1**
  - $3 \cdot 2^2 - (3 \cdot 5 - 2(2^4 - 10)) =$  **9**
  - $\frac{3^4 - 3^3 + 3^2 - 3^1}{2^4 - 2^3 + 2^2 - 2^1} =$  **6**
  - $120 \div 6 \cdot 2 - (6 \cdot 4 - (5^2 - 3^2)) =$  **32**

$$(e) \frac{5^3 - 2^2 \cdot 5^2}{3^3 - 2(2^3 + 3)} = 5$$

$$(f) (2(4^2 - 3) - 3(3^2 - 7)) \div 4 \cdot 5 = 25$$

12. A, B, and C worked together for a week. Together they made \$ 1200. They split the money to six equal shares. A took three shares, B took two shares, and C took one share. How much did they take each? **A took \$ 600, B took \$ 400, and C took \$ 200**