

**1**

Calculate.

*(Calculation skill)*

(1)  $412 + 346$

(2)  $4358 - 1794$

(3)  $53 \times 6$

(4)  $523 \times 47$

(5)  $40 \div 8$

(6)  $48 \div 2$

(7)  $589 \div 31$

(8)  $63 \div 3 + 7 \times 5$

(9)  $1.62 + 4.37$

(10)  $7.19 - 3.82$

(11)  $1\frac{4}{7} + \frac{2}{7}$

(12)  $1\frac{7}{13} - \frac{3}{13}$

**2**

Fill in the blanks.

(13) 4 minutes 25 seconds =  seconds

(14) 3 kg 700 g =  g

(15) 5000000 m<sup>2</sup> =  km<sup>2</sup>

**3** 60 kids went to a museum by bus. They were equally divided into two buses.

- (16) How many kids were in each bus?
- (17) At the museum, they were divided into groups of 6 kids. How many groups were there?
- (18) After visiting the museum, 3 candies were distributed to each kid. Find the total number of candies.

**4** There are three 5 cm sticks, two 6 cm sticks and one 7 cm stick. Kevin makes triangles using these sticks.

- (19) If he uses two 6 cm sticks and one 7 cm stick, what kind of triangle can be made? Answer the most appropriate name.
- (20) He made an equilateral triangle. What length, in cm, sticks did he use?

**5** Alice had 8m of string. She cut it and gave 1.65 m to Bob and 2.23 m to Caroline.

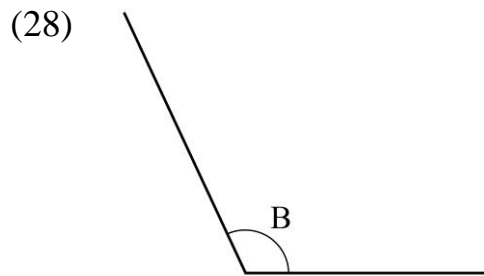
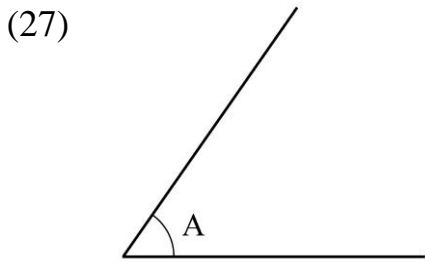
- (21) Find the total length, in m, of string that Alice gave to Bob and Caroline.
- (22) How many m longer is Caroline's string than Bob's string?
- (23) After giving string to Bob and Caroline, find the length, in m, of string Alice has left.

**6** Maki made a table of the sides and perimeters of squares as shown below.

Side (cm)	1	2	3	4	5	...
Perimeter (cm)	4	8	12	16	20	...

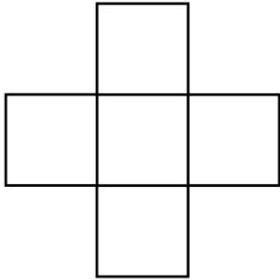
- (24) Find the perimeter, in cm, of a square when the side is 6 cm. Include units in your answer.
- (25) Let  $\square$  cm and  $\triangle$  cm be the side and perimeter of squares, respectively. Express the relationship between  $\square$  and  $\triangle$  as an equation. *(Expression skill)*
- (26) Find the side, in cm, of a square when the perimeter is 32 cm. Include units in your answer. Write the steps leading to your answer.

**7** Measure angles A and B using a protractor. *(Measurement skill)*



**8** In the diagram on the right, there are five squares. Numbers are put in the squares following the rules below. *(Organizing skill)*

1. Use each number, 1, 2, 3, 4 and 5 once.
2. Only one number may be put in each square.
3. The sum of the three numbers in the row must be equal to the sum of the three numbers in the column.



- (29) If 3 is put in the center square of the diagram, find the sum of the three numbers in the row.
- (30) What other number can be in the center square of the diagram? Answer one possible number other than 3.