1. Find the value of 98 - 81 + 76 – 65 + 54 – 29.

2. A student buys 8 oranges with 9 bath each. If a student pays cash 100 bath, how many baht in change will a student receive?

3. The father is 42 years old. The mother is 3 years younger than the father. What is the sum of the ages of the father and mother?

4. From the pattern

   $2 \otimes 3 = 7$ ,

   $3 \otimes 4 = 9$ ,

   $4 \otimes 7 = 13$,

   find the value of $5 \otimes 8$.

5. Ging, Geaw, and Gla have 148-baht, 152-baht, and 224-baht, respectively. They want to buy a gift for Grace by spending their money together. However, their money is not enough money, and missing another 35 bath. How much does the gift cost?

6. Bell draws geometry patterns as shown below.



If Bell draws 32 patterns, how many the number of ■ are there?

7. Charlie has an elder sister and a younger brother. Charlie is 2 years older than his brother, but he is 3 years younger than his sister. If the sum of their ages is 31 years, how old is Charlie?

8. The volume of the 1st bottle of orange juice is 200 milliliters, and the cost per bottle is 25 baht. The volume of the 2nd bottle of orange juice is 300 milliliters, and the cost per bottle is 35 baht. If Mali wants the 2 liters of orange juice, what is the minimum money does she pay?

9. From the addition expression,

$$\begin{array}{r} ABC \\ +\ 2BA \\ \hline 60B \end{array}$$

If A, B, and C are different digits, find the value of A + B – C.

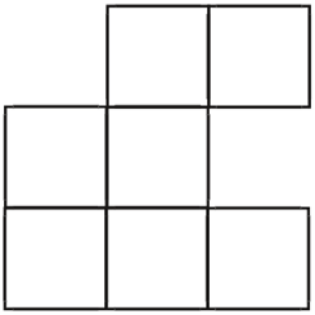
10. Given that 1) $15 + 8 = 27 - \triangle$

2) $84 - 45 = 23 + \square$

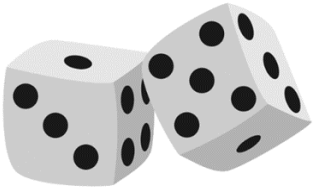
3) $121 + 54 = \bigcirc - 33$.

Find the value of $\bigcirc + \square + \triangle$.

11. How many quadrilaterals are there in the given figure?



12. A dice has six faces, and each face shows the number of dots from 1 to 6, as shown in the figure below.



How many total dots ● are there on two dice?

13. In the ASMOPSS zoo, three animals which are a lion, a tiger, and a capybara are weighted in different cases.

The 1st case, the total weight of three animals is 116 kilograms.

The 2nd case, the total weight of a tiger and a lion is 93 kilograms.

The 3rd case, the total weight of a lion and a capybara is 74 kilograms.

What is the weight of one lion?



figure 1



figure 2

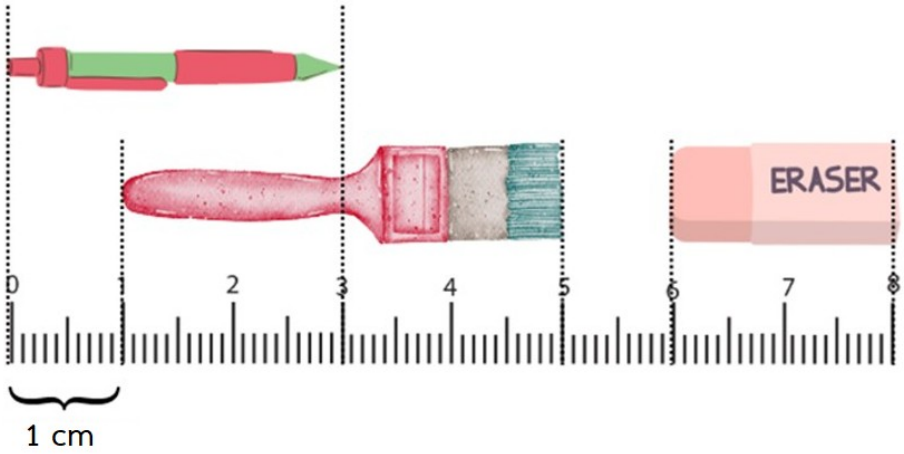


figure 3

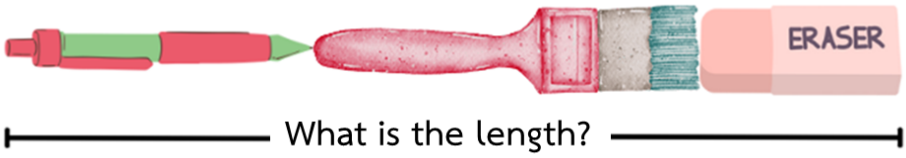
14. Drawing four lines on the given piece of paper to divide it into sections, how many maximum sections are there?



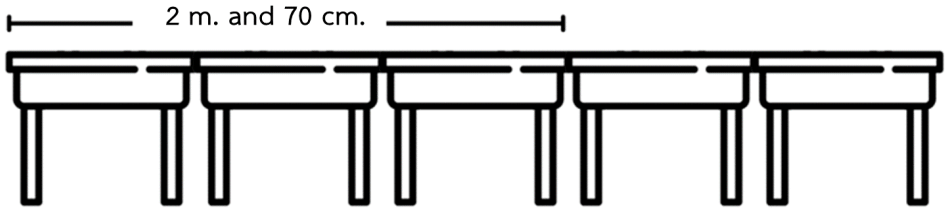
15. The figure below shows the lengths of a pen, a brush, and an eraser. (1 block = 1 centimeter)




If a pen, a brush, and an eraser are arranged together as shown below, how many centimeters will it be in length?



16. A teacher arranges five identical tables together, and the length of three connecting tables is 2 meters and 70 centimeters, as shown in the figure below.



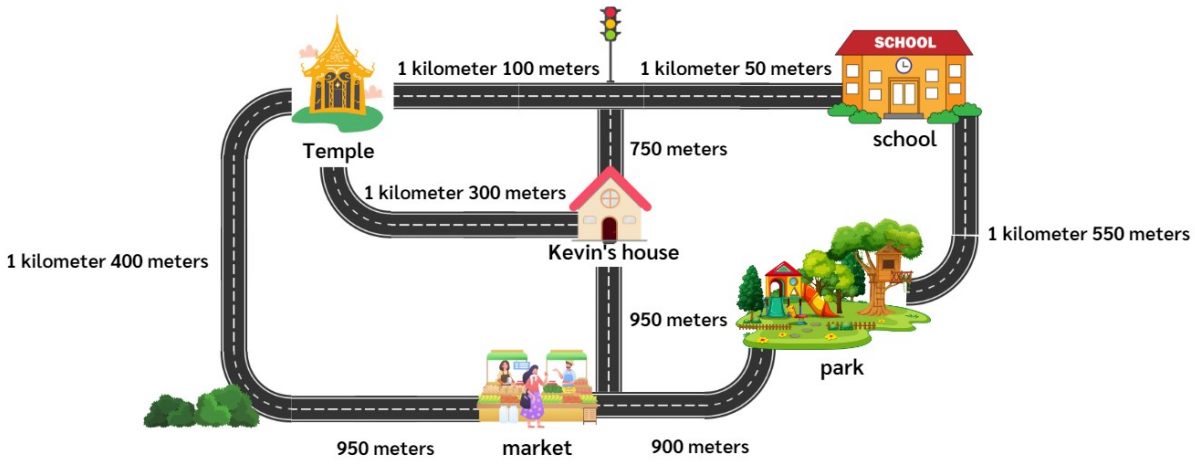

How many centimeters are the length of five connecting tables?

17. Satang wants to fill the water in the bath by pouring water from the tank with a 5-liter capacity three times and then pouring water from the tank with an 8-liter capacity twelve times. He observes that there is only half the water in the bath. What is the volume of the bath in liters?

18. From the figure, Kevin travels from home to the temple, from the temple to the market, and from the market to school, respectively. How many kilometers does Kevin travel? (1,000 meters = 1 kilometer)

***แก้ไขเป็น

From the figure, Kevin travels from home to the temple, from the temple to the market, and from the market to school, respectively. How many shortest kilometers does Kevin travel? (1,000 meters = 1 kilometer)




19. Yod, Yim, and Yung live on different floors of the same apartment which has ten floors.

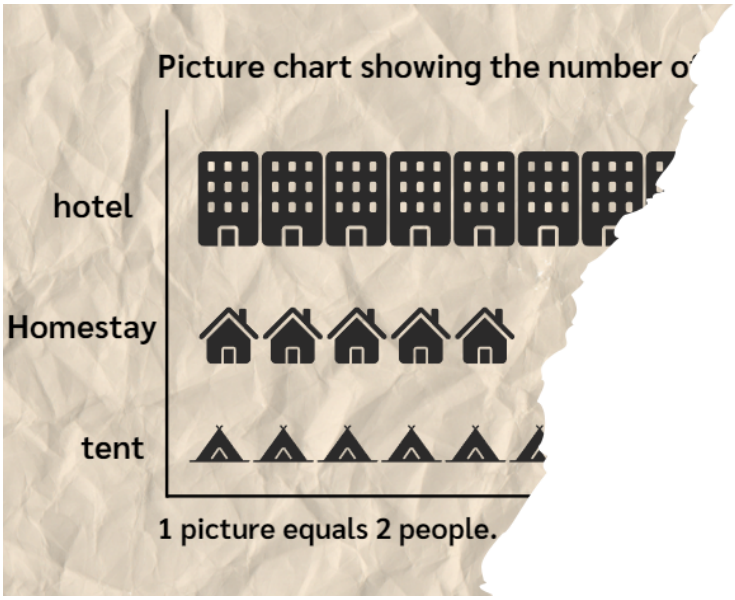
If Yim goes down two floors, then Yim will meet Yung.

If Yod goes down one floor, then Yod will meet Yim.

If Yung goes down two floors, then Yung is on the first floor.

Which floor does Yod live?

20. The chart below shows the number of visitors to Chiang Mai in one week with missing some part.




There are 42 total tourists in Chiang Mai. If 18 tourists stay in hotels and 10 tourists stay in homestays, then how many tents in the chart are there?

21. From the pattern 24, 30, 36, 42, ..., what is the number of the $18^{th}$ term?

22. Let the following pattern

    1 equals 1 x 1.

    1 + 3 equals 2 x 2.

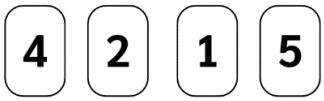
    1 + 3 + 5 equals 3 x 3.

    1 + 3 + 5 + 7 equals 4 x 4.

    Find the value of 1 + 3 + 5 + 7 + 9 + 11 + 13 + 15 + 17 + 19.

23. Ammy ties 3 ropes together. Each rope is 62 centimeters long. If each tie will lose 6 centimeters of length, how long does the new rope?

24. Wichit has four cards as shown below.




    If he takes two cards to create 2-digit numbers more than 20, how many created numbers are there?

25. Find the sum of all natural numbers that contain the digit 5 and are less than 100.

# GRADE 2 ANSWER KEY

| No. | Answer | No. | Answer |
|---|---|---|---|
| 1 | 53 | 14 | 11 |
| 2 | 28 | 15 | 9 |
| 3 | 81 | 16 | 450 |
| 4 | 15 | 17 | 222 |
| 5 | 559 | 18 | 6 |
| 6 | 32 | 19 | 6 |
| 7 | 10 | 20 | 7 |
| 8 | 235 | 21 | 126 |
| 9 | 6 | 22 | 100 |
| 10 | 228 | 23 | 174 |
| 11 | 17 | 24 | 9 |
| 12 | 42 | 25 | 990 |
| 13 | 51 | | |

***หมายเหตุ ข้อ 18 คณะกรรมการตัดสินให้คะแนนฟรี เนื่องจากโจทย์ภาษาอังกฤษไม่สมบูรณ์