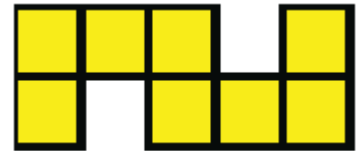1. Ten friends have an average of 5 toy soldiers each. Lee joins them, and now the average is 6 toy soldiers each. How many toy soldiers does Lee have?

    十人平均每人有5個玩具士兵。若小李加入後每人平均擁有6個士兵，問小李有多少個士兵?

2. There are 2 red cars and 3 blue cars. The 5 cars contain a total of 12 people. No car has more than 4 people. Every car has at least 1 person. The only cars with the same number of people are the red cars. How many people are in **1 red car?**

    2輛紅車及3輛藍車共坐12人。每車最多坐4人最少坐1人，若只有每輛紅車內的人數一樣，求每輛紅車人的數量。

3. At the end of a power outage, a digital clock resets to 12:00. At 9:35 AM on the same day as the power outage occurred, the digital clock shows 3:50 AM. At what time did the power outage end?
    (Label your answer AM or PM)

    一場停電後電子鐘被重置成12:00。在同日的 9:35AM電子鐘的顯示為 3:50AM，問什麼時候恢復供電?

4. A list contains exactly 6 different counting numbers. No number in the list is a multiple of any other in the list. What is the least possible total of these 6 numbers?

    一列表有6數而當中每一個數皆非表中其他任何一個數的倍數。求該6個數的最小的和。

5. The figure shown consists of 8 identical squares. The area of the figure is 8 square centimeters. What is the perimeter of the figure, in cm?

    附圖由8個相同的正方形組成，面積為8平方厘米。求該圖的周界。

6. Tracy's Trophies charges by the letter for engraving. There is one fee for each vowel and a different fee for each consonant. CAROL costs $31 to engrave. GABRIEL costs $43 to engrave.
    How many dollars does BRIDGET cost to engrave? (Vowels are a,e,i,o and u. Consonants are made up of alphabets b to z , less the vowels)

    特雷西的獎杯是按照雕刻的字母收費的。每個元音字母收費一樣而每個輔音字母收費不同。
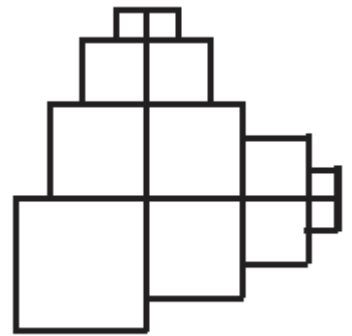   雕刻CAROL的費用為31，雕刻GABRIEL的費用為43，問雕刻BRIDGET的費用是多少?

7. What number does **G** represent in the following?

A baseball team won $\frac{3}{4}$ of its first 24 games. Then the team lost its next **G** games. As a result, the team had now won exactly half of its games.

求以下G所代表的數值。

一隊籃球隊在首24場賽事中勝出了當中的$\frac{3}{4}$，在輸了G場之後，該隊勝率跌至一半。

8. The figure shown is built from four 1x1-squares, four 2x2-squares, three 3x3-squares, and one 4x4-square (each measured in cm). What is the perimeter of the figure, in cm?

下圖由4個邊長為1厘米、4個邊長為2厘米、3個邊長為3厘米及1個邊長為4厘米的正方形組成，問下圖周界是多少厘米?

9. Each of Mia's marbles has several colors on it. $\frac{2}{5}$ of the marbles have some red on them. $\frac{3}{4}$ of the marbles have some yellow on them. $\frac{6}{7}$ of the marbles have some blue on them. Mia has fewer than 250 marbles. How many of Mia's marbles have some blue on them?

米亞有一些多色波子。當中$\frac{2}{5}$有紅色、$\frac{3}{4}$有黃色、$\frac{6}{7}$有藍色。若米亞的波子數量少於250，她有多少有藍色的波子?

10. How many 3-digit numbers have exactly 2 digits that are the same?

有多少個三位數的其中兩個位一樣?