

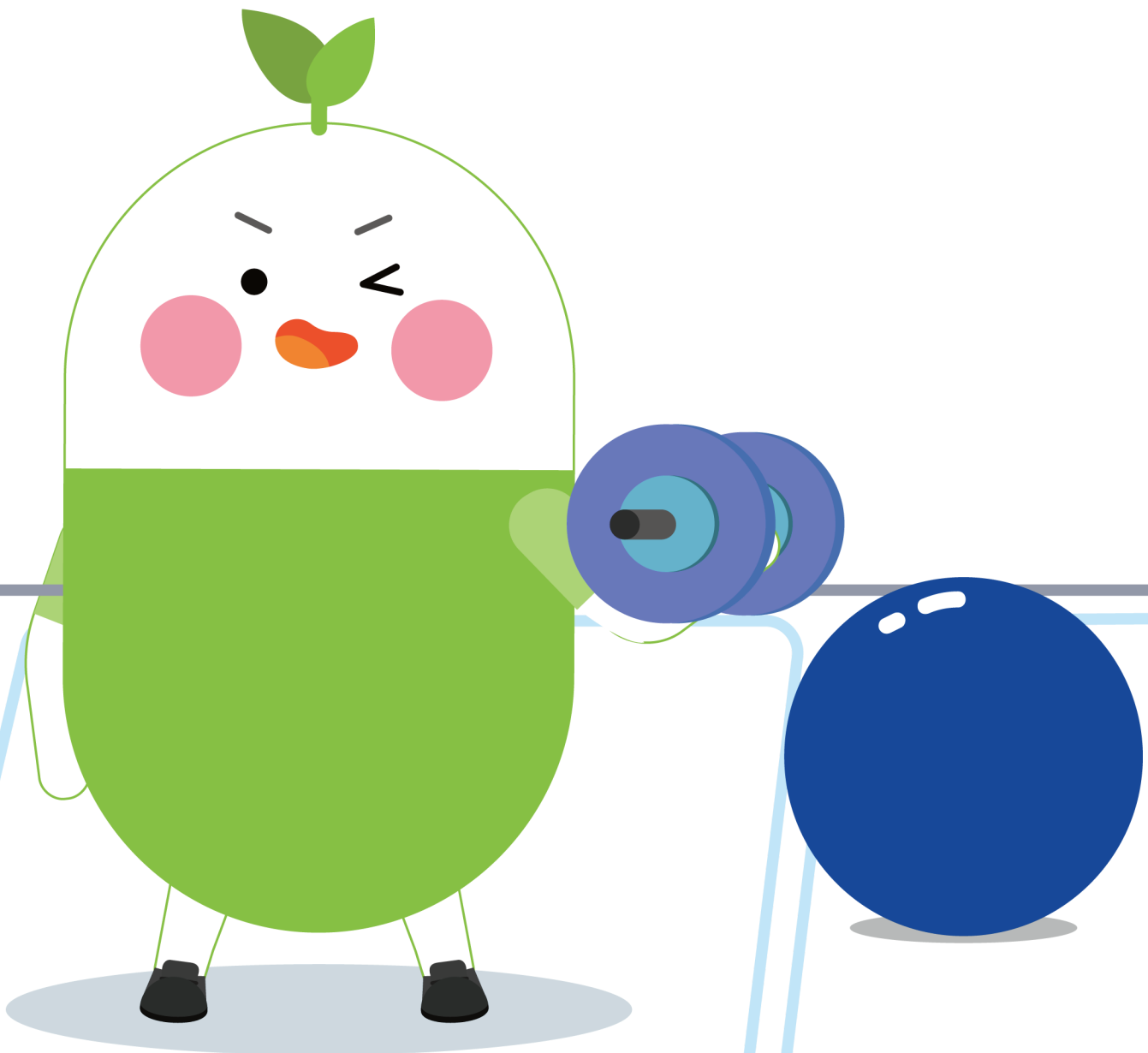
2023

Spring

G3

Review Class

M L7-L9

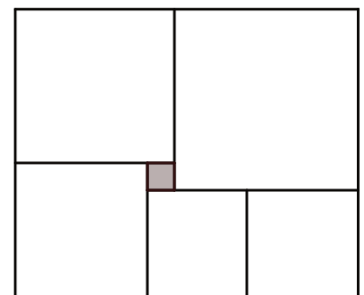


Lesson 7

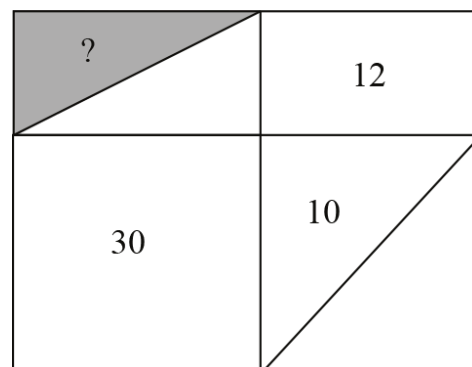
- 1 As shown below, a big rectangle is divided into four rectangular pieces. Three of their areas are marked. What is the area of the rectangle marked with A ?

24	18
16	A

- 2 The whole rectangle is divided into 6 squares as shown below. Given that the area of the shaded square is 4 cm^2 , find the area of the whole rectangle.



- 3 As shown, the number in each shape shows the area of the rectangle or the triangle, respectively. The area of the shaded part is _____.



Lesson 8

- 1 Inside a parking lot, there are the same amount of bicycles and sedans. There are 138 wheels in total. Thus, there are _____ bicycles and _____ sedans.

2 Inside a cage, there are some chickens and rabbits. The number of rabbits is four times that of chickens and there are 216 legs in total. Thus, there are _____ chickens and _____ rabbits.

3 A total of 87 chickens and rabbits are caged together. The number of legs of chickens is equal to the number of legs of rabbits. How many chickens and rabbits are there in the cage, respectively?

Lesson 9

- 1 Which of the following numbers is a prime number?
A. 133 B. 161 C. 193 D. 87 E. 129

- 2 Among the numbers 89, 121, 141, and 157, there is/are _____ prime number(s) and _____ composite number(s).

- 3 Candy has 233 chocolate bars and she wants to divide all chocolate bars to her students. Her smart student, Michael, finds that Candy cannot divide all chocolate bars to all students evenly. Is Michael correct or not? (The number of students is greater than 1 and less than 233.)

Solutions

Lesson 7

1. 12
2. 572 cm^2
3. 9

Lesson 8

1. 23 ; 23
2. 12 ; 48
3. 58 chickens and 29 rabbits

Lesson 9

1. C
2. 2 ; 2
3. Michael is correct because 233 is a prime number.