

Name: _____

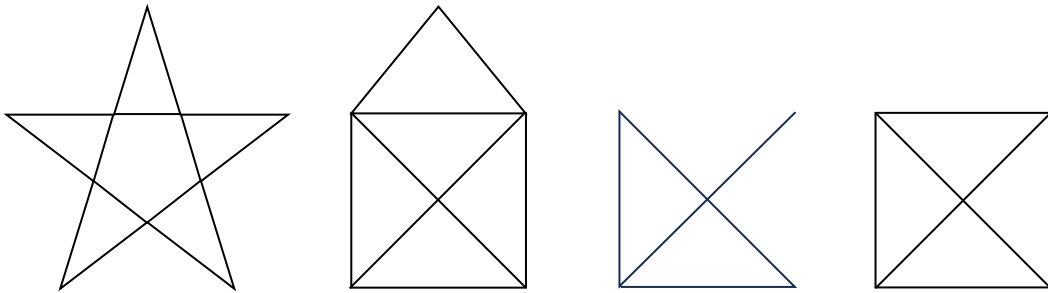
School: _____

Izzi Math Challenge 2025 - Grade 2

Part 1

Questions 1-5: Circle the letter of the correct answer.

1. How many of the following shapes can be drawn without lifting the pencil and without going over the same line twice?

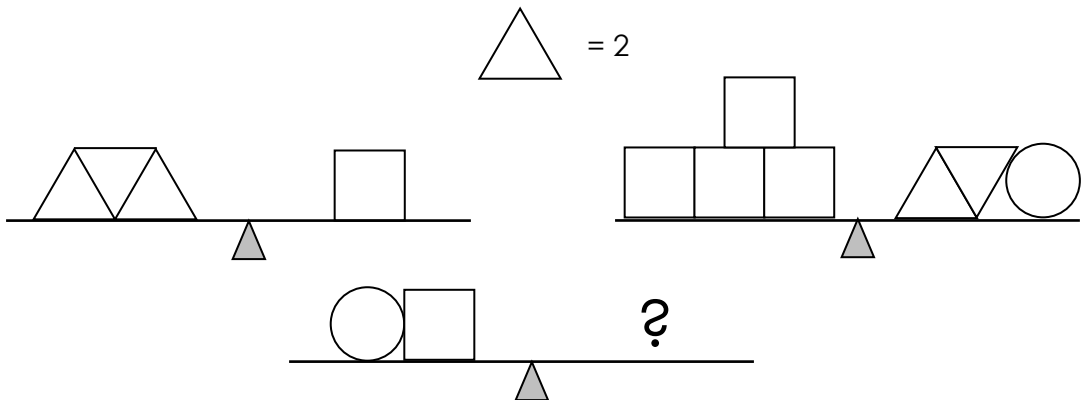


- a. 0 b. 1 c. 2 d. 3 e. 4

2. Mariana collects buttons. $\frac{3}{5}$ of her buttons are blue.
How many buttons does she have altogether if she has 45 blue buttons?

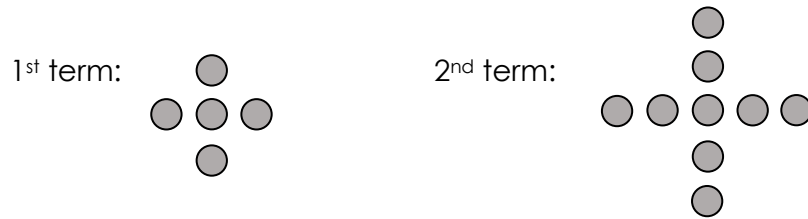
- a. 50 b. 65 c. 70 d. 75 e. 80

3. How many triangles should be placed on the last scale to balance it?
The first two scales are balanced.



- a. 3 b. 23 c. 13 d. 15 e. 30

4. The number of dots in each of the pictures form a linear sequence.
How many dots are there in the first 6 terms of this sequence altogether?



- a. 13 b. 25 c. 60 d. 90 e. 100

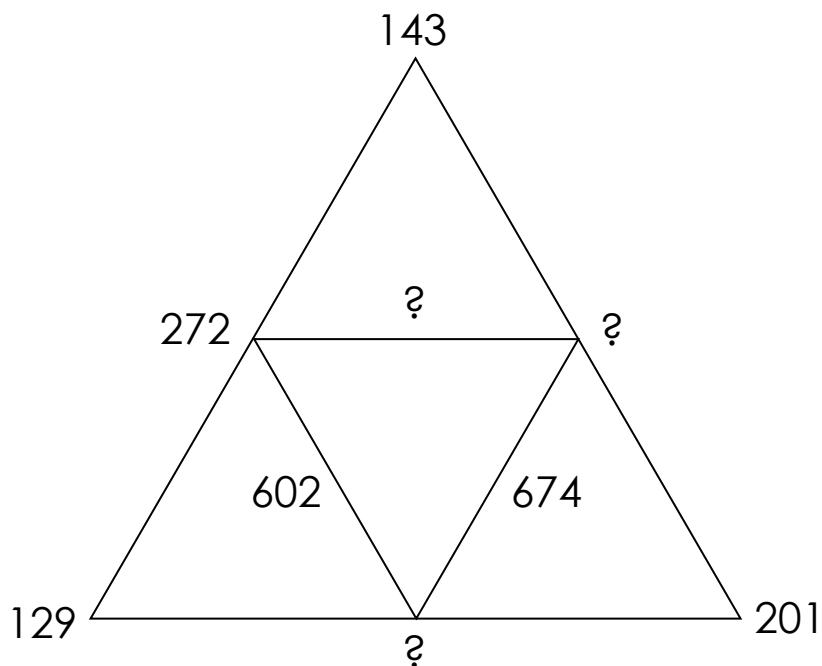
5. How many acute angles do a regular triangle, a regular pentagon, and a regular hexagon have altogether?

- a. 0 b. 3 c. 5 d. 5 e. 13

Part 2

Questions 6-10: Write the correct answers. Follow the instructions carefully.

6. What is the sum (total) of the missing numbers?

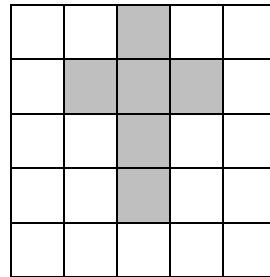
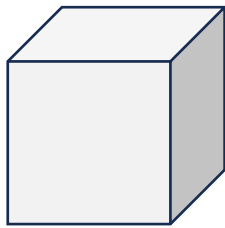


Answer: _____

7. What number can be regrouped as 12 units, 16 tens, 20 hundreds, and 34 thousands? Show your thinking.

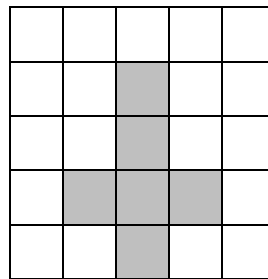
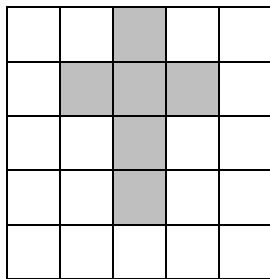
Answer: _____

8. These are a cube and a net of a cube.

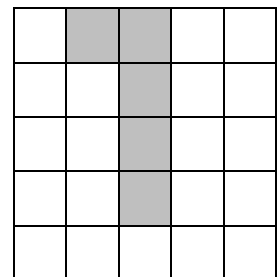
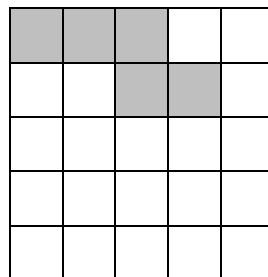
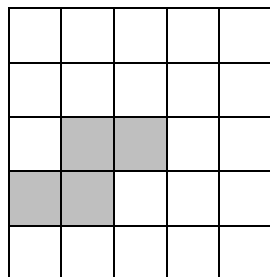
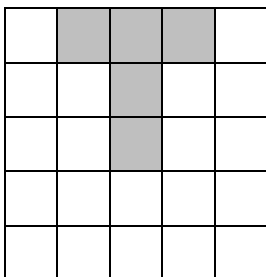


There are 11 different nets of a cube in total.

These two nets are considered the same:



Shade in squares to complete four of these nets, so they are different from each other and from the net above.



9. Sort the following numbers into the Carroll diagram.

6, 7, 15, 18, 26, 49, 130, 303

	Multiples of 2	Not multiples of 2
Multiples of 3		
Not multiples of 3		

10. A security guard in a building was bored so he recorded the elevator's movement up and down the building.

Starting on the ground floor (0), it goes up 8 floors.

Then, it travels down 10 floors, down another floor and up 15 floors, reaching the top floor.

Then, it travels down 7 floors.

Finally, it travels down another 9 floors, reaching the lowest level of the building.

Answer the following questions:

a. How many underground floors does the building have?

Answer: _____

b. What number is the top floor of this building?

Answer: _____