




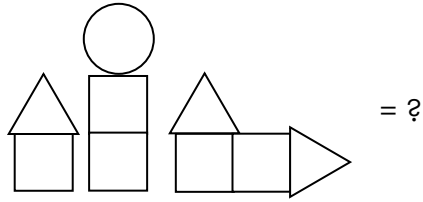
Name: \_\_\_\_\_

School: \_\_\_\_\_

## Izzi Math Challenge 2024 - Grade 1

### Part 1

1.  = 4  
 = 5  
 = 6

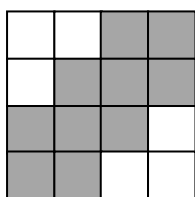


- a. 41      b. 40      c. 43      d. 42      e. 39
2. Tommy has read  $\frac{3}{4}$  of his book. He has read 60 pages. How many pages are there in his book altogether?
- a. 240      b. 15      c. 20      d. 100      e. 80
3. A group of 8 friends ate an entire bowl of strawberries. Every person had 12 strawberries. How many strawberries were there in the bowl?
- a. 20      b. 4      c. 24      d. 86      e. 96

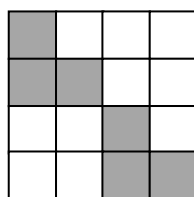
4. This shape has a fraction of it shaded.



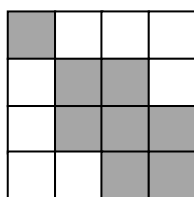
Which shape has the same fraction shaded as the one above?



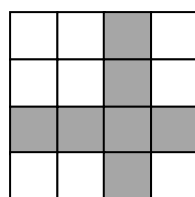
a.



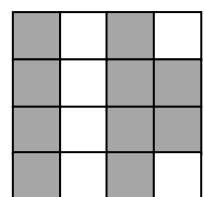
b.



c.

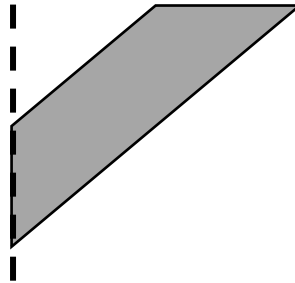


d.



e.

5. This shape is reflected on a mirror line. What new shape is made?



- a. regular octagon
- b. irregular octagon
- c. regular pentagon
- d. irregular hexagon
- e. regular hexagon

### Part 2

1. What is the smallest possible difference you can make by placing all 4 cards in this subtraction?

Note: You can use each card ones.

6      1      2      8

□ □ - □ □ = ?

Answer: \_\_\_\_\_

2. Professor Professorson has discovered a machine that doubles anything left inside of it for an hour.

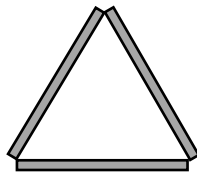
He leaves a gold coin in the machine. When he opens it, he finds 512 gold coins. How long did he wait before opening the machine?

Answer: \_\_\_\_\_

3. Mislitelcho is thinking of a number. It is made of 3 odd digits. The sum of its digits is 15. It is greater than 500 but smaller than 700. What is the greatest possible number he could be thinking of?

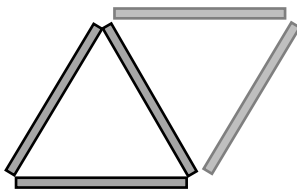
Answer: \_\_\_\_\_

4. Here is a triangle made of toothpicks.

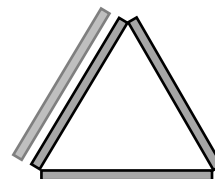


To form bigger shapes, you are allowed to add toothpicks as shown.

Allowed:



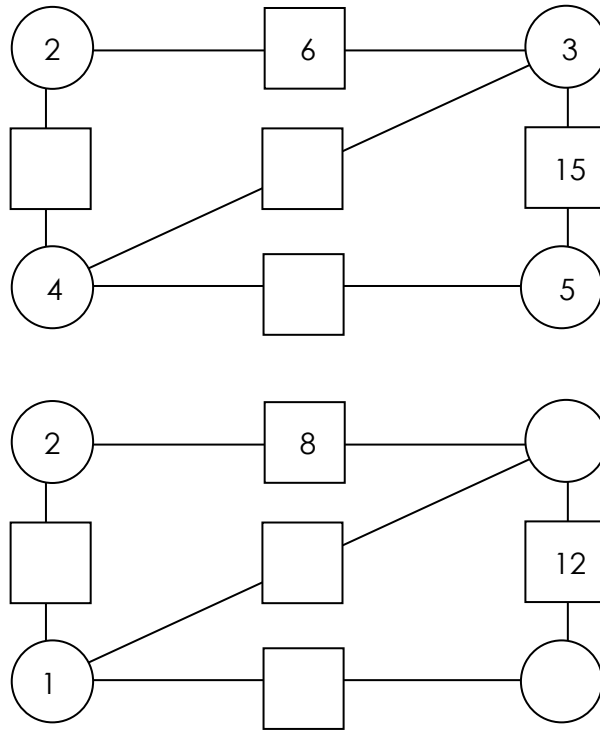
Not allowed:



How many toothpicks do you need to make the smallest possible regular hexagon, made of triangles?

Answer: \_\_\_\_\_

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



Answer: \_\_\_\_\_