

Name: _____

School: _____

Izzi Math Challenge 2025 - Grade 4

Part 1

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

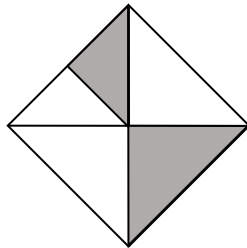
1. What is the reflex angle the arrows on a clock face show at 12:02?

- a. 6° b. 12° c. 30° d. 354° e. 348°

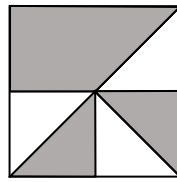
2. What is the difference between the smallest and the greatest 2-digit, prime numbers?

- a. 96 b. 95 c. 94 d. 88 e. 86

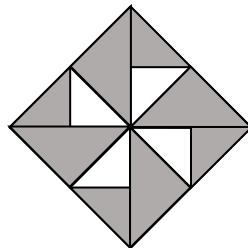
3. Which shape has exactly 75% shaded?



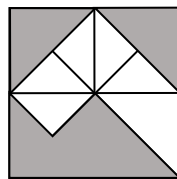
a.



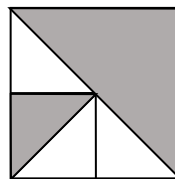
b.



c.



d.



e.

4. What is the cube of 90?

- a. 8100 b. 729000 c. 72900 d. 81000 e. 739000

5. How many digits "1" does the answer to 123456789×9 have?

- a. 10 b. 9 c. 2 d. 1 e. 0

Part 2

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

6. Change the places of two marbles to make all statements below correct:
- There is an equal chance to draw a green marble from the first and the last bags.
 - There is no other bag with the same chance of drawing green as the first and the last.
 - It is possible to draw a green marble from the second bag.

Multiple solutions are possible. Explain your thinking.

Key:

G – green, R – red, Y - yellow

Bag 1 contains the following marbles: G, Y, Y, R

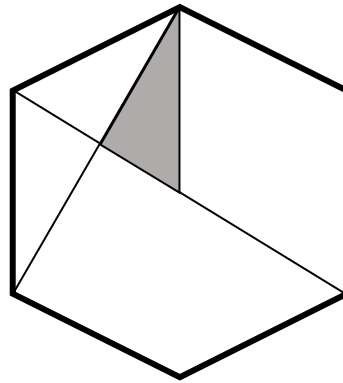
Bag 2 contains the following marbles: R, G, G

Bag 3 contains the following marbles: G, G, Y, R, R

Bag 4 contains the following marbles: G, G, G, R, Y, Y

7. How many minutes are seven twelfths of a day?
One day includes the night part of it. Show your thinking.

8. The picture shows a regular hexagon with an area of 432cm^2 .



What is the area of the shaded triangle?

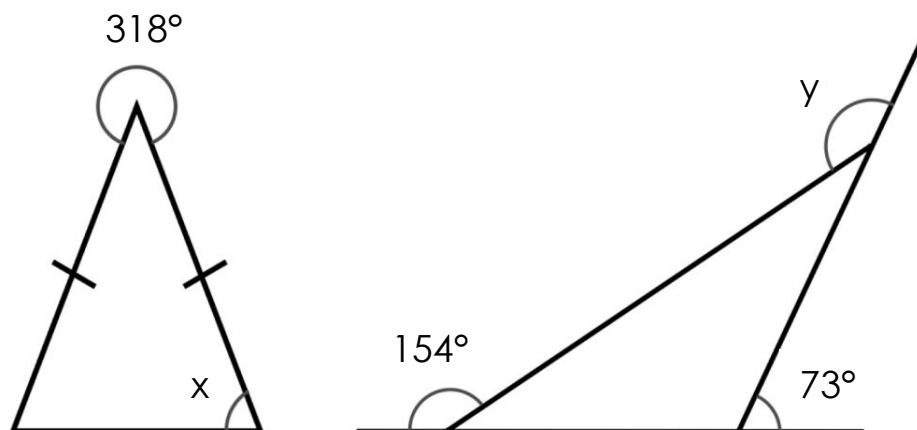
Answer: _____

9. In this subtraction A, B, C and D represent a single digit.

Find the answer to $C + D - A - B$, if $4D56B5 - C57A22 = 277753$.

Answer: _____

10. Find the sum of the angles x and y .



Answer: _____

You can take notes here: