TTO Mathematics Demonstration class 14 November 2023

ANSWERS

## Exercise 1: magical square

$\ggg \ggg \ggg \gg$

## Exercise 2: run or walk?

What is his average speed? 6 km/h

## Exercise 3: the tennis tournament

How many matches will be played to determine the winner? 127 matches

| 16 | 9 | 2 | 7 |
| :---: | :---: | :---: | :---: |
| 6 | 3 | 12 | 13 |
| 11 | 14 | 5 | 4 |
| 1 | 8 | 15 | 10 |

## Exercise 4: the $500^{\text {th }}$ number?

What is the $500^{\text {th }}$ number? 2999

## Exercise 5: puppies and dogs

If one can of dog food feeds eight pups or six dogs, then eight cans of the same dog food will feed 40 puppies and how many dogs? 18 dogs

## Exercise 6: all kinds of symbols

Pentagon =1; square =5, plus = 6 and star = 8

## Exercise 7: Crizellas and Frizellas

Now, can you tell me how many of each are in the swimming pool? 5 Crizellas and 3 Frizellas

## Exercise 8: courses

How many of the 100 students took neither biology nor chemistry? 42 students

## Exercise 9: the lizard

How many years did it take for the lizard to reach half its maximum length? 11 years

## Exercise 10: the poem

What number is it about? 72

## THE END.

Thank you for your attention.

