**MATHS COMPETITION – PART 1**

Team …………….

**KAHOOT GAME at the address**

<https://play.kahoot.it/v2/?quizId=490835aa-6248-4fa1-9c9b-627ec7130c98>

1. Andy read 4/5th of a story book which has 100 pages. How many pages of the book is not yet read by Andy?

a. 40 b. 60 c. 80 d. 20

2. If 19 is 25% from a number, what is the number?

a. 38 b. 76 c. 190 d. 57

3. 10003-999=

a. 104 b. 1004 c. 9004 d. 904

4. The square root from 0.0081 is…

a. 0,09 b. 0,9 c. 0,009 d. 0,0009

5. 0,01 meters means …

a. 1 mm b. 10 mm c. 10 cm d. 10 dm

6. Which is the smallest fraction among the following?

a. 3/4 b. 6/5 c. 6/7 d. 2/3

7. David is 27 years old in 2011. What was his age in 2003?

a. 19 b. 21 c. 37 d. 17

8. A right triangle has the lengths of the sides 3 cm and 4 cm. What is the value of hypotenuse?

a. 12 cm b. 5 cm c. 7 cm d. 1 cm

9. If a cube has the volume of 8 cm3, how much is the length of his edge?

a. 4 cm b. 6 cm c. 3 cm d. 2 cm

10. How much weights 1 dm3 of water?

a. 1 kg b. 0,01 kg c. 0,1 kg d. 0,001 kg

11. What is the average value of 25, 20, 23 and 22?

a. 22,5 b. 21,5 c. 20,5 d. 23

12. A number is divisible by 5 if its unit digit is ……

a. 2 or 0 b. 10 or 0 c. 0 or 5 d. 10 or 5

13. What temperature of Celsius scale is equal to 300K?

a. 30oC b. 27oC c. 300oC d. None of these

14. Speed of a car is 60 km/h. Distance covered in 1 ¼ hours is……

a. 60 km b. 70 km c. 75 km d. 80 km

15. What are the integer solutions of the inequality |x| < 2?

a. 1, 0 and -1 b. 2, 1, 0, -1, -2 c. 2 d. 2 and -2

16. What is -10 - (-6) equals to?

a. -16 b. +60 c. +16 d. -4

17. Which value of x makes the equation true? x – 7 = -13

a. 6 b. -6 c. -20 d. +20

18. If the day tomorrow is Sunday, what was it yesterday?

a. Wednesday b. Thursday c. Friday d. Saturday

19. Name a triangle whose two angles are equal.

a. Right angle triangle b. Isosceles triangle c. Scalene triangle d. None of these

20. How many atoms are in this chemical formula H2SO4?

a. 7 b. 10 c. 16 d. 1