

Titan-Genius Kidz National Arithmetic Championship 2010-2011



Category: **SUB-JUNIOR** (4th & 5th Std.)

General Instructions:

- Do not open this booklet until you are told by your teacher to begin. You will have only 30 minutes working time for this contest. Attempt as many questions as possible. You might be UNABLE to attempt all the questions in the time allowed.
- Please use a ball point pen / ink pen / gel pen for writing the answers. However this is a suggestion only and not mandatory.
- All questions DO NOT carry equal marks.
- There is no negative marking for incorrect answers

Write in CAPITAL letters only

To be filled in by student

Name of the Student _____

Standard _____ Gender _____ Date of Birth _____

To be filled in by school

School's address with seal

School's Tel No. _____

Supervisor's name: _____

Supervisor's Sign. _____

For Official use only

Name of the Evaluator: _____ Score: _____

Signature of the Evaluator: _____

1. $7 + 27 = 17 + ?$

Ans :

2. $100 \times 100 = 9999 + ?$

Ans :

3. $20 - 15 + 30 - 25 + 40 - 35 + 50 - 45 = ?$

Ans :

4. Clara invited a few guests to her birthday party. Half of them were her neighbors. Among the other half, 20 were her class mates and 5 were her cousins. Totally how many guests did she invite?

Ans :

5. $53768 + 71294 - 6352 + 26051 - 49271 = ?$

Ans :

6. $7314 + 8102 + 3701 + 28397 = ?$

Ans :

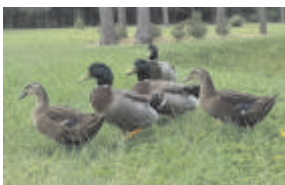
7. $4590 \times 15 = ?$

Ans :

8. $35 + 65 + 32 + 68 + 25 + 75 + 10 + 90 + 30 + 70 = ?$

Ans :

9. In old McDonald's farm, there are 18 hens, 22 ducks, 14 cows, 35 sheep and 10 horses. McDonald's grand daughter goes to count the legs of all the hens, ducks, cows and horses. How many legs does she count in all?

Ans :

10. $30 - 28 + 28 - 26 + 26 - 24 + 24 - 22 + 22 - 20 + 20 - 18 = ?$

Ans:

11. If $45 \text{ 😊 } 5 = 9$, then

What should be in the box? $\text{😊 } 8 = 7$

Ans:

12. If

P means +

Q means -

R means \div

S means \times



What is the value of $14 P 4 Q 8 R 2 S 5$?

- a) 20 b) 30 c) 33 d) 28 e) 25

Ans:

13. If $a \text{ 😊 } b = a \times b + \frac{a}{b}$ then $9 \text{ 😊 } 3 = ?$

- a) 30 b) 27 c) 12 d) 24 e) 0

Ans:

14. 1 litre is

- a) 10 centi litre b) 10 milli litre
c) 100 deci litre d) 10 deci litre

Ans:

15. Divide 310×310 by 310. The quotient is

- a) 1 b) 2 c) 62 d) 310

Ans:

16. A small wheel on my wheel chair has a diameter of 18 cms. The radius of the small wheel is



- a) 36 cms b) 18 cms c) 9 cms
d) 72 cms

Ans:

17. What is 3 less than 5 more than 8 less than 2 more than 22 ?

Ans :

18. Along a straight road, an ice cream vendor is 1 km from a park and 4 kms from a theatre. The least possible distance between the park and the theatre is



- a) 3 km b) 5 km
c) 7 km d) 9 km

Ans :

19. In the number sequence, 1, 3, 6, 10, 15, 21,....., is the 12th term an odd number or even number?

Ans :

20. Usain Bolt won gold medal in a 100 mts running race. He ran the race in 9.81 secs. He missed the event record by 0.03 secs. What was the event record in secs?



- a) 9.813 b) 9.78
c) 9.84 d) 9.93

Ans :

21. Tom is given 10 glasses of milk to drink. Jerry sees this and wants to drink this milk when Tom is not around. He gets a chance to drink one glass of milk every 2 minutes. How much time does Jerry take to drink all the 10 glasses of milk?



Ans :

22. Lalooji's mango orchard yielded 8793 fruits. Nathuram's mango orchard yielded 1023 fruits less than Lalooji's. What was the total mango yield from the two orchards?



Ans :

23. A frog croaks 6 times in 8 seconds. At this rate, how many times does it croak in two minutes?



Ans :

24. I am a tricky number. First you add 6 to me. Multiply the sum by 6, divide the product by 6, and subtract 6 from the result. The result will be 2. What number am I?



Ans :

25. The rule: Every minute, a virus splits itself into two viruses

At 2 pm you put one virus in a box.....

At 3 pm the box is full of viruses....

When was the box half full?



Ans :

26. Rampur is 40 km south-west of Surpur
 Amirpet is 40 km south-east of Surpur
 Chandapur is 80 km north of Amirpet
 Chandapur is in which direction from Rampur?

- a) North b) East c) North-east
 d) West d) North-west

Ans :

27. "This 35 yrs old African elephant in our zoo weighs 6.5 kgs", said the zoo keeper. Anisha immediately shouted, "No! You are wrong. It cannot be kgs". If so, what might be the correct unit?



- a) Milligrams b) Grams
c) Pounds d) Tons

Ans :

28. $1 \times (2 + 3) \times 4 \times (5 + 6) = ?$

Ans :

29. What is the place value of 3 in 7593168?

- a) hundreds b) thousands c) ten thousands
d) units e) tens

Ans :

30. If this is your evidence $9 \odot 4 = 36$, then

$$12 \odot 5 = ?$$

Ans :

31. The age of a woman is the same as her husband's age with the digits reversed. The sum of their ages is 77. The man is 9 years older than his wife. How old is the woman?



- a) 32 b) 33 c) 34
d) 35 e) 43

Ans :

32. In a school, the distance between the Principal's room and the library is 50 meters. If a pot is placed at every 2 meters between the doors, how many pots are kept?



Ans :

33. The sum of the two facing page numbers of a story book Bryan is reading is 37. What are the two facing page numbers?



Ans :

34. $\frac{144}{12} = ?$

Ans :

35. $1 + 2 + 3 + 4 + \dots + 10 = 50 + ?$

Ans :

36. $12345 + 23456 + 34567 = ?$

Ans :

37. If two different numbers have the same digits but in reverse order, each number is called the Palimage of the other. For example, 389 and 983 are Palimages of each other. Similarly 3796 and 6973 are Palimages. Write the numbers between 60 and 80 that are palimages of each other?

Ans :

38. A number is formed re-arranging the digits 4653781 in descending (decreasing) order. Another number is formed by re-arranging the digits 2983471 in ascending (increasing) order. The difference between the two numbers is

Ans :

39. "Children, today is Monday. There will be a unit test in Maths every Monday for the next 45 days starting from today", announced the teacher. How many unit tests were given?



- a) 5 b) 6 c) 7 d) 8 e) 9

Ans :











40. Five friends tried to guess the number of chocolates in a gift box. Cathy guessed 41, Rose guessed 47, Lilly guessed 43, Arther guessed 39, Kevin guessed 45. Two friends were wrong by 2 and Two friends were wrong by 4. One guessed it correctly. How many chocolates were there in the gift box?



- a) 41 b) 47 c) 39 d) 43 e) 45

Ans :

41. Ted wrote a 4 digit number on a piece of paper and challenged Alex to guess it. All the digits were different.

Alex	Ted
 Is it 7526 ?	 Two of the digits are correct but they are positioned wrongly
 Could it be 1348 ?	 My answer is the same as before
 Is it 3256 ?	 Wow ! Two of the digits are correct and in the right places as well
 Is it 8741?	 My answer is the same as just the previous one
 Is it 7436 ?	 None of the digits is correct
What number did Ted write ?	
Ans : <input type="text"/>	