

<sup>4th</sup>  
2003-2004 5TH GRADE CONTEST

Answer  
Column

1. What day is 3 days before Thursday? A) Monday B) Tuesday C) Saturday D) Sunday	1.
2. $2 + 12 + 22 = 1 + 11 + 21 + ?$ A) 1 B) 2 C) 3 D) 4	2.
3. My school lunch costs me 10 nickels and 10 dimes. This lunch costs me A) \$1.10 B) \$1.20 C) \$1.50 D) \$2	3.
4. $(45 \div 5) + (36 \div 4) + (27 \div 3) = 9 \times ?$ A) 1 B) 3 C) 6 D) 12	4.
5. The product of 27 and 3 equals the product of $?$ and 27. A) 3 B) 9 C) 81 D) 243	5.
6. $6 + 12 + 18 + 24 + 30 = 6 \times ?$ A) 10 B) 12 C) 13 D) 15	6.
7. $10 \times 10$ has the same value as A) $100 \div 10$ B) $1000 \div 10$ C) $100 \div 100$ D) $1000 \div 100$	7.
8. $110 \times 10 \times 0 \times 10 \times 110 =$ A) 0 B) 100 C) 240 D) 12 100	8.
9. Together, my scooter's two wheels cost \$22. The rear wheel costs \$4 more than the front wheel. The front wheel costs A) 18 B) 13 C) 11 D) 9	9.
10. A roller coaster ride costs 3 tickets. A ferris wheel ride costs 2 tickets. To go on both rides 5 times, I need $?$ tickets. A) 5 B) 10 C) 25 D) 30	10.
11. The sum of 54 320 and 54 321 has $?$ digits. A) 5 B) 6 C) 10 D) 11	11.



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12. $7 + 7 - 7 + 7 - 7 + 7 =$ A) 0 B) 7 C) 14 D) 21	12.
13. If I travel 30 km each hour, I will travel $?$ in 300 minutes. A) 10 km B) 15 km C) 100 km D) 150 km	13.
14. Juan was 10 years old 10 years ago. In 20 years, his age will be A) 10 B) 20 C) 30 D) 40	14.
15. I caught a big fish. It weighed 120 kg, which is 3 times as much as I weigh. I weigh $?$ kg. A) 30 B) 40 C) 60 D) 360	15.
16. $3 \times 3 \times 3 \times 3 \times 3 \times 3 =$ A) $9 \times 9$ B) $9 + 9$ C) $9 \times 9 \times 9$ D) $9 + 9 + 9$	16.
17. If the only positive factors of a number greater than 1 are itself and 1, then the number must be A) prime B) odd C) even D) composite	17.
18. Of the following numbers, which is the largest? A) 9 ones B) 7 tens C) 5 hundreds D) 3 thousands	18.
19. (perimeter of a square) $\div$ (length of one side of the square) = A) 1 B) 2 C) 4 D) 16	19.
20. Twice Baby Bird's current age in hours equals three times Baby Bird's age one hour ago. Baby Bird is $?$ hours old. A) 2 B) 3 C) 4 D) 6	20.
21. Which expression is <i>not</i> divisible by 9? A) $9 - 9$ B) $9 + 9$ C) $9 \times 9$ D) $9 \div 9$	21.
22. In the sequence 11, 13, 15, . . . , 95, 97, 99, there are 45 odd numbers. How many of them have an even tens' digit? A) 20 B) 22 C) 23 D) 25	22.



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23. Multiply my favorite whole number by 8, then round to the nearest 10. You'll get 130. The sum of the digits of my favorite number is  
A) 6    B) 7    C) 8    D) 9

23.

24. By playing on the Music Truck, more than 4 friends (but fewer than 9) earned a total of \$88.92. If each got the same pay, how much was each paid?  
A) \$17.78    B) \$14.82  
C) \$12.70    D) \$11.12



24.

25. The value of my money in *whole* dollars is the same as the total value of 250 identical coins. These coins could be  
A) dimes    B) nickels    C) pennies    D) quarters

25.

26. If each of the numbers 2, 4, 8, 16 is increased by 2, then the sum of the 4 numbers will increase by  
A) 2    B) 4    C) 8    D) 16

26.

27. We'll call two letters *cousins* if the same number of line segments are needed to form each. For example, the letters W and E are cousins, but K and L are not. The letter L is a cousin of the letter  
A) C    B) F    C) H    D) V

27.

28. Ballet Bear can do 72 pirouettes (twirls) in 12 minutes. At the same rate, how many pirouettes can Ballet Bear do in 3 minutes?  
A) 6    B) 12    C) 18    D) 24



28.

29. What is the smallest positive integer that is divisible by 1, 2, 3, 4, and 5?  
A) 720    B) 360    C) 120    D) 60

29.

30. The perimeter of a field is a prime number. The length of each side is a whole number. The field could *not* be in the shape of a  
A) triangle    B) hexagon    C) pentagon    D) rectangle

30.

The end of the contest 5