

2018-2019 5TH GRADE CONTEST

Answers

1. $700 + 80 + 9 = \underline{\quad} + 89$ A) 7 B) 70 C) 700 D) 780	1.
2. I counted 1800 sheep and cows. If I counted 5 sheep for every cow I counted, I counted $\underline{\quad}$ more sheep than cows. A) 400 B) 600 C) 1200 D) 1500	2.
3. The product of 2018 and 2019 has $\underline{\quad}$ more digits than their sum has. A) 3 B) 4 C) 5 D) 7	3.
4. $250 \times 100 = (2 \times 50) \times (\underline{\quad} \times 10)$ A) 10 B) 20 C) 25 D) 50	4.
5. Adding 20 to my age now doubles it. How old was I two years ago? A) 8 B) 18 C) 22 D) 38	5.
6. $2019 - (19 \times 6) = (2019 - 19) - (19 \times \underline{\quad})$ A) 0 B) 5 C) 6 D) 7	6.
7. A weed grew 1 cm every 6 days. It grew $\underline{\quad}$ cm in $1 \times 2 \times 3 \times 4 \times 5$ days. A) 20 B) 40 C) 60 D) 120	7.
8. $10 \times 10 \times 10 = 100 \times 100 \times 100 \div \underline{\quad}$ A) 10 B) $10 \times 10 \times 10$ C) $90 \times 90 \times 90$ D) $100 \times 100 \times 100$	8.
9. The side-lengths of a triangle are even numbers. Its perimeter is <i>not</i> A) 9 B) 16 C) 36 D) 64	9.
10. I wrote down every whole number less than 25 that is also 1 less than a prime. How many of these numbers are multiples of 4? A) 0 B) 1 C) 2 D) 3	10.
11. My balloon rose 10 m every minute. How high did it rise in 8760 seconds? A) 146 m B) 365 m C) 1046 m D) 1460 m	11.
12. If May has 5 Mondays, the first day of May could <i>not</i> be a A) Sunday B) Monday C) Tuesday D) Saturday	12.

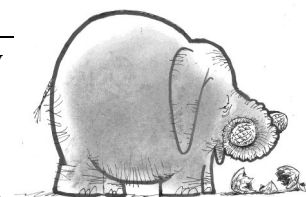


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13. Twice my hat size is 3 times my shoe size. If my hat size is 18 more than my shoe size, then the sum of my hat size and shoe size together is A) 36 B) 54 C) 90 D) 108	13.
14. What is the least 3-digit odd sum of two prime numbers? A) 101 B) 103 C) 105 D) 107	14.
15. I ran each of the first two km of a 3-km race twice as fast as I ran the third km. If I ran the entire race in 36 minutes, how long did it take me to run the third km? A) 12 minutes B) 18 minutes C) 24 minutes D) 27 minutes	15.
16. My favorite number is 2019. What is the sum of the smallest factor and the greatest factor of my favorite number? A) 674 B) 676 C) 2020 D) 2022	16.
17. Each day, including weekend days, I play video games for half as much time as I spend doing homework that day. If I spent a total of 3 hours and 2 minutes playing video games last week, how much time on average did I spend doing homework each day last week? A) 16 minutes B) 26 minutes C) 36 minutes D) 52 minutes	17.
18. What is the greatest possible product of the ones digits of 4 numbers? A) 9 B) 105 C) 945 D) 6561	18.
19. My average game score after 3 games was 5 points lower than it had been after 2 games. My third game score was $\underline{\quad}$ points lower than the average of my first two game scores. A) 5 B) 10 C) 15 D) 25	19.
20. Elle shelled twice as many nuts each day as she had the day before. If Elle shelled 360 nuts in 4 days, how many more nuts did she shell on day 4 than on day 1? A) 90 B) 168 C) 192 D) 270	20.
21. Which quotient has the greatest remainder? A) $10 \div 9$ B) $100 \div 99$ C) $1000 \div 99$ D) $10000 \div 99$	21.
22. A certain number has exactly 3 different factors. If the second greatest factor is 7, what is the sum of the digits of the number? A) 5 B) 7 C) 12 D) 13	22.



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