

### MATH 5 PRACTICE TEST 1

Name \_\_\_\_\_

Date \_\_\_\_\_

**Directions: Complete as many problems as you can in the 30 minutes allotted to you. No calculators!**

- What is the next number in the following sequence: 17, 24, 31, 38, \_\_\_\_\_?  
(A) 43 (B) 44 (C) 45 (D) 46 (E) 47
- Round 2499.9989 to the nearest thousands place.  
(A) 2000 (B) 2499.009 (C) 2499.999 (D) 2500 (E) 3000
- If a racecar can travel at 239.99 miles per hour, how much faster will it need to travel to be able to reach 250.8 miles per hour?  
(A) 10.19 (B) 10.81 (C) 10.99 (D) 11.81 (E) 11.99
- Turtle A crawled 4 yards, 1 foot, 1 inch and Turtle B crawled 3 yards, 2 feet, 3 inches. How much farther did Turtle A crawl than turtle B?  
(A) 1 ft. 8 in. (B) 1 ft. 9 in. (C) 1 ft. 10 in. (D) 8 ft. 8 in. (E) 1 yd. 1 ft. 2 in.
- If a basketball goal is lowered 32 inches from a height of 10 feet, how many feet high will the goal be?  
(A)  $7\frac{1}{3}$  (B)  $7\frac{1}{2}$  (C)  $7\frac{2}{3}$  (D)  $8\frac{1}{3}$  (E)  $8\frac{2}{3}$
- 2007 is not divisible by what number?  
(A) 3 (B) 7 (C) 9 (D) 223 (E) 669
- What is the largest number that can be written with the following digits: 3, 9, 0, 5?  
(A) 9530 (B) 9350 (C) 9305 (D) 9503 (E) 9053
- Which will result in the largest remainder?  
(A)  $41 \div 4$  (B)  $42 \div 4$  (C)  $43 \div 4$  (D)  $44 \div 4$  (E)  $45 \div 4$
- Jon, Mark, and Peter are on a relay team that is participating in a 10 mile relay. If Jon runs for 2.6 miles and Mark runs for 3.8 miles, how many miles would Peter have to run to complete the race?  
(A) 2.6 (B) 3.4 (C) 3.6 (D) 4.4 (E) 4.6
- Miller Elementary consists of 459 boys, 567 girls, and 38 teachers when everyone is present. If 14 students and 2 teachers are absent on the same day, how many students and teachers would be present in school?  
(A) 938 (B) 948 (C) 1038 (D) 1048 (E) 1080
- Six yards has how many more inches than twelve feet?  
(A) 6 (B) 72 (C) 108 (D) 120 (E) 140
- Your bicycle wheel originally had 24 spokes but now it has 17. How much would it cost to fix your wheel if it costs 28 cents per spoke to fix?  
(A) \$1.40 (B) \$1.68 (C) \$1.96 (D) \$2.24 (E) \$2.52
- You get paid \$6 per hour for the first 40 hours that you work in a week and \$9 per hour for each additional hour that you work in a week. How much would you be paid if you worked 50 hours in a week?  
(A) \$320 (B) \$330 (C) \$350 (D) \$390 (E) \$750
- David moved 4 cubic yards of dirt in 3 hours. How many hours would it take David to move 24 cubic yards assuming he works at the same rate?  
(A) 12 (B) 15 (C) 16 (D) 18 (E) 23

15. Jennifer bought 3 gallons of milk for \$2.19 per gallon. How much change would Jennifer get back if she gave the cashier a \$10 bill?  
 (A) \$3.43 (B) \$3.53 (C) \$4.43 (D) \$4.57 (E) \$6.57
16. Billy grew 10 inches over the last year. If he is 5 ft. 2 in. now, how tall was he last year?  
 (A) 4 ft. 1 in. (B) 4 ft. 2 in. (C) 4 ft. 3 in. (D) 4 ft. 4 in. (E) 4 ft. 5 in.
17. Leaves are falling off of a tree at a rate of 3 leaves every 20 minutes. How many leaves will fall off in 3 hours and 40 minutes?  
 (A) 27 (B) 30 (C) 33 (D) 36 (E) 39
18. If it is 2:15 P.M., what time was it 71 hours ago?  
 (A) 1:15 A.M. (B) 1:15 P.M. (C) 3:15 A.M. (D) 3:15 P.M. (E) 4:15 P.M.
19. A runner came in second with a time of 4 minutes and 13 seconds. If the first place runner finished 8 seconds sooner, how long did it take the first place runner to finish?  
 (A) 4 minutes 4 seconds (B) 4 minutes 5 seconds (C) 4 minutes 6 seconds  
 (D) 4 minutes 20 seconds (E) 4 minutes 21 seconds
20. Using the table, what word is found when the corresponding letter is written for each product for the following sequence?  
 $6 \times 8, 9 \times 6, 8 \times 7, 7 \times 9$

56	54	48	63
O	P	S	T

- (A) SPOT (B) POST (C) POTS (D) TOPS (E) STOP
21. A job requires 7 hours of work to complete. If you work for 3 hours and 36 minutes, how many hours do you have left?  
 (A)  $3\frac{1}{3}$  (B)  $3\frac{2}{5}$  (C)  $3\frac{6}{25}$  (D)  $3\frac{9}{25}$  (E)  $4\frac{2}{5}$
22. A swimming pool contains 2400 gallons of water. How many hours would it take to drain the pool if it can be drained at a rate of 600 gallons per hour?  
 (A) 3 (B) 4 (C) 5 (D) 6 (E) 7
23. Three dogs each had 4 puppies. How many total dogs are there?  
 (A) 11 (B) 12 (C) 13 (D) 14 (E) 15
24. Tom and Jerry are standing in a line of 247 people. If Tom is 129th from the front and Jerry is 80th from the back, how many people are between Tom and Jerry?  
 (A) 37 (B) 38 (C) 39 (D) 48 (E) 49
25. If you have  $x$  cats and  $y$  dogs, how many total cats and dogs do you have?  
 (A)  $x$  times  $y$  (B)  $x$  divided by  $y$  (C)  $x$  minus  $y$  (D)  $y$  minus  $x$  (E)  $x$  plus  $y$

MATH 5 PRACTICE TEST 1 ANSWERS

1. C 2. A 3. B 4. C 5. A  
 6. B 7. A 8. C 9. C 10. D  
 11. B 12. C 13. B 14. D 15. A  
 16. D 17. C 18. D 19. B 20. A  
 21. B 22. B 23. E 24. B 25. E