

## MATH 4 PRACTICE TEST 2

Name \_\_\_\_\_

Date \_\_\_\_\_

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

- Which would produce the largest sum?  
(A)  $167 + 242$       (B)  $167+241$       (C)  $240+167$       (D)  $168 + 242$       (E)  $242 +169$
- Which would produce the greatest product?  
(A)  $8 \times 5$       (B)  $9 \times 4$       (C)  $7 \times 6$       (D)  $5 \times 7$       (E)  $6 \times 5$
- What is the smallest number that can be written with the following digits? 3, 7, 2, 5  
(A) 2,735      (B) 2,573      (C) 2,537      (D) 2,375      (E) 2,357
- If you bought 4 balloons for 28 cents, how much would 9 balloons cost?  
(A) 16      (B) 45      (C) 54      (D) 63      (E) 72
- Which fraction of a pizza would be largest?  
(A) one-half      (B) one-third      (C) one-fourth      (D) one-fifth      (E) one-sixth
- The numerator is larger than the denominator for which fraction?  
(A)  $\frac{3}{4}$       (B)  $\frac{2}{3}$       (C)  $\frac{4}{5}$       (D)  $\frac{6}{5}$       (E)  $\frac{6}{7}$
- If pencils are 8 inches long and your teacher's desk is 56 inches long, how many pencils long is your teacher's desk?  
(A) 5      (B) 6      (C) 7      (D) 8      (E) 9
- Which would produce the greatest difference?  
(A)  $672 - 468$       (B)  $672 - 469$       (C)  $672 - 470$       (D)  $672 - 471$       (E)  $672 - 472$
- Which would produce the smallest quotient?  
(A)  $24 \div 2$       (B)  $24 \div 3$       (C)  $24 \div 4$       (D)  $24 \div 6$       (E)  $24 \div 8$
- If Bob is 5 feet tall and Joe is 4 feet, 7 inches tall, how many inches taller is Bob than Joe?  
(A) 3      (B) 4      (C) 5      (D) 6      (E) 7
- What is the missing number that will make the following statement true?  $6 + 8 - 1 = 4 + ?$   
(A) 7      (B) 8      (C) 9      (D) 10      (E) 11
- Which is the largest product?  
(A)  $1 \times 1$       (B)  $1 \times 1 \times 1$       (C)  $1 \times 1 \times 1 \times 1$       (D)  $1 \times 1 \times 1 \times 1 \times 1$       (E) all the products are the same.
- Find the perimeter of a square if each side is 5 inches long.  
(A) 9 inches      (B) 10 inches      (C) 15 inches      (D) 20 inches      (E) 25 inches
- Which is the longest distance?  
(A) 3 yards      (B) 107 inches      (C) 2 yards + 2 feet      (D) 1 yard + 5 feet      (E) 8 feet
- How many hours are there in one week?  
(A) 7      (B) 24      (C) 84      (D) 154      (E) 168

16. If school starts at 8:15 each day and ends at 3:00 each day, how long is the school day?  
 (A) 5 hours 45 minutes      (B) 6 hours 15 minutes      (C) 6 hours 45 minutes  
 (D) 7 hours 15 minutes      (E) 7 hours 45 minutes
17. Your library books are overdue 6 days. If you have to pay 8 cents a day fine total for your books, how much money should you get back if you pay the librarian a dollar?  
 (A) 14      (B) 48      (C) 52      (D) 58      (E) 86
18. After going shopping, you had 3 quarters, 4 dimes, 6 nickels, and 7 pennies less than when you went shopping. How much money did you spend?  
 (A) 20 cents      (B) 142 cents      (C) 147 cents      (D) 152 cents      (E) 157 cents
19. Which 3 digit number is equivalent to 23 tens and 8 ones?  
 (A) 31      (B) 222      (C) 236      (D) 238      (E) 310
20. Which is the smaller amount of fluid?  
 (A) 4 gallons      (B) 17 quarts      (C) 33 pints      (D) 3 gallons + 17 cups      (E) 63 cups
21. If it is 1:00 A.M. on a Monday morning, what day of the week was it 50 hours ago?  
 (A) Wednesday      (B) Thursday      (C) Friday      (D) Saturday      (E) Sunday
22. If you have  $a$  dollars in your wallet before you spend  $b$  dollars, how much money would you have left?  
 (A)  $a + b$       (B)  $a \div b$       (C)  $a \times b$       (D)  $b - a$       (E)  $a - b$
23. When nobody is absent, there are 438 students and teachers at school. If the school auditorium seats 689 and there are 270 empty seats, how many students and teachers are absent that day?  
 (A) 9      (B) 17      (C) 18      (D) 19      (E) 29
24. You bought 3 dozen eggs when you realized that 29 eggs were not broken. If the store will pay you 7 cents for each broken egg, how much will the store pay you for the broken eggs?  
 (A) 42 cents      (B) 49 cents      (C) 56 cents      (D) 203 cents      (E) 213 cents
25. John hiccups 3 times every 15 seconds. How many times will John hiccup in two minutes at that rate?  
 (A) 12      (B) 18      (C) 24      (D) 30      (E) 36

MATH 4 PRACTICE TEST 2 ANSWERS

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