MATH 4 PRACTICE TEST 1

Name_____ Date_____

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

1. Which sum does not total 26?
   (**A**) $14+12$ (**B**) $17+11$ (**C**) 19 + 7 (**D**) 18 + 8 (**E**) 16 + 10

2. Sixteen nickels is how much more money than six dimes?
   (**A**) 10 cents (**B**) 20 cents (**C**) 100 cents (**D**) 130 cents (**E**) 140 cents

3. 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.

4. 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

5. 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

6. How many weeks are there in 3 years?
   (**A**) 36 (**B**) 55 (**C**) 150 (**D**) 153 (**E**) 156

7. What is the next number in the following sequence: 17, 24, 31, 38,____?
   (**A**) 43 (**B**) 44 (**C**) 45 (**D**) 46 (**E**) 47

8. If March 16th is on a Thursday, what day of the week will March 5th of the same year be on?
   (**A**) Tuesday (**B**) Sunday (**C**) Saturday (**D**) Wednesday (**E**) Monday

9. Write the numbers for one thousand forty-seven.
   (**A**) 147 (**B**) 1047 (**C**) 1147 (**D**) 1407 (**E**) 1470

10. 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

11. 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

12. Which will result in the largest remainder?
    (**A**) $41\div4$ (**B**) $42\div4$ (**C**) $43\div4$ (**D**) $44\div4$ (**E**) $45\div4$

13. 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

14. A bike has two wheels each having 24 spokes. If 2 spokes are missing from each wheel, how many spokes are there?

(**A**) 24 (**B**) 44 (**C**) 46 (**D**) 48 (**E**) 50

15. Which is the greatest product?

(**A**) 8×5 (**B**) 6×6 (**C**) 5×7 (**D**) 4×9 (**E**) 12×3

16. 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

17. Six yards has how many more inches than twelve feet?

(**A**) 6 (**B**) 72 (**C**) 108 (**D**) 120 (**E**) 140

18. 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

19. Using the table, what word is found when the corresponding letter is written for each product for the following sequence?

6 x 8, 9 x 6, 8 x 7, 7 x 9

56	54	48	63
O	P	S	T

(**A**) SPOT (**B**) POST (**C**) POTS (**D**) TOPS (**E**) STOP

20. 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

21. 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.

22. 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

23. 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

24. Three dogs each had 4 puppies. How many total dogs are there?

(**A**) 12 (**B**) 13 (**C**) 14 (**D**) 15 (**E**) 16

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 4 PRACTICE TEST 2

Name_____ Date_____

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

1. Which would produce the largest sum?
   (**A**) 167 + 242 (**B**) 167+241 (**C**) 240+167 (**D**) 168 + 242 (**E**) 242 +169

2. Which would produce the greatest product?
   (**A**) 8×5 (**B**) 9×4 (**C**) 7×6 (**D**) 5×7 (**E**) 6×5

3. 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

4. If you bought 4 balloons for 28 cents, how much would 9 balloons cost?
   (**A**) 16 (**B**) 45 (**C**) 54 (**D**) 63 (**E**) 72

5. Which fraction of a pizza would be largest?
   (**A**) one-half (**B**) one-third (**C**) one-fourth (**D**) one-fifth (**E**) one-sixth

6. 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**) $\frac{6}{7}$

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

8. Which would produce the greatest difference?
   (**A**) 672 - 468 (**B**) 672 - 469 (**C**) 672 - 470 (**D**) 672 - 471 (**E**) 672 - 472

9. Which would produce the smallest quotient?
   (**A**) $24 \div 2$ (**B**) $24 \div 3$ (**C**) $24 \div 4$ (**D**) $24 \div 6$ (**E**) $24 \div 8$

10. 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

11. 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

12. Which is the largest product?
    (**A**) 1×1 (**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.

13. 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

14. Which is the longest distance?
(**A**) 3 yards (**B**) 107 inches (**C**) 2 yards + 2 feet (**D**) 1 yard + 5 feet (**E**) 8 feet

15. 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 3

Name_____ Date_____

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

1. If you have $8.47 and you buy a yo-yo for $6.58, how much money will you have left?
   (**A**) $1.87 (**B**) $1.89 (**C**) $1.99 (**D**) $2.11 (**E**) $2.89

2. Which is the greatest product?
   (**A**) 2 x 0 (**B**) 3 x 0 (**C**) 4×0 (**D**) 5×0 (**E**) all the products have the same value

3. If it takes 8 glasses of water to fill a pitcher, how many glasses of water would it take to fill two and one-half pitchers?
   (**A**) 16 (**B**) 18 (**C**) 20 (**D**) 22 (**E**) 24

4. Stamps now cost 33 cents each. If you have 65 cents, how many stamps can you buy?
   (**A**) 0 (**B**) 1 (**C**) 2 (**D**) 3 (**E**) 4

5. $356 + 287 + 145 + 432 =$
   (**A**) 1000 (**B**) 1020 (**C**) 1200 (**D**) 1219 (**E**) 1220

6. If May 26th is on a Friday, what day of the week is May 22nd on?
   (**A**) Sunday (**B**) Monday (**C**) Tuesday (**D**) Wednesday (**E**) Thursday

7. If you left your house at 8:15 A.M., and returned at 11:20 A.M. the same day, how long were you gone?
   (**A**) 2 hours 5 minutes (**B**) 2 hours 55 minutes (**C**) 3 hours 5 minutes
   (**D**) 3 hours 55 minutes (**E**) 4 hours 5 minutes

8. Which fraction has the largest value?
   (**A**) $\frac{1}{1}$ (**B**) $\frac{2}{2}$ (**C**) $\frac{3}{3}$ (**D**) $\frac{4}{4}$ (**E**) all the fractions have the same value

9. Forty thousand, twenty-seven can be written as which of the following?
   (**A**) 427 (**B**) 4,027 (**C**) 4,270 (**D**) 40,270 (**E**) 40,027

10. For 647,892, which number is in the thousands place?
    (**A**) 4 (**B**) 6 (**C**) 7 (**D**) 8 (**E**) 9

11. If each side of a square is 7 inches long, what is the perimeter of the square?
    (**A**) 14 inches (**B**) 21 inches (**C**) 28 inches (**D**) 32 inches (**E**) 35 inches

12. Which quotient does not equal 4?
    (**A**) $36 \div 9$ (**B**) $8 - 5$ (**C**) $24 \div 6$ (**D**) $32 \div 8$ (**E**) $20 \div 4$

13. Which of the following numbers is not an odd number?
(**A**) 23 (**B**) 376 (**C**) 437 (**D**) 519 (**E**) 1235

14. A class has 27 students. If each student needs to sell 75 tickets, how many tickets need to be sold?
(**A**) 540 (**B**) 675 (**C**) 1625 (**D**) 2025 (**E**) 15525

15. What is the difference between six and four-sevenths and three and two-sevenths?
(**A**) $2\frac{2}{7}$ (**B**) $3\frac{1}{7}$ (**C**) $3\frac{2}{7}$ (**D**) $3\frac{6}{7}$ (**E**) $9\frac{6}{7}$

16. For 237,104,567, which digit is in the ten millions place?
(**A**) 0 (**B**) 1 (**C**) 2 (**D**) 3 (**E**) 7

17. One hundred eight million, three hundred twenty thousand, sixty-seven can be expressed as:
(**A**) 108,302,067 (**B**) 108,320,067 (**C**) 108,320,670 (**D**) 180,320,067 (**E**) 180,320,670

18. A rectangle has a width of 5 feet and a length of 7 feet.. Find the perimeter of the rectangle in *inches*?
(**A**) 24 (**B**) 35 (**C**) 144 (**D**) 288 (**E**) 420

19. Which of the following problems will have the greatest remainder?
(**A**) $670 \div 10$ (**B**) $670 \div 15$ (**C**) $670 \div 20$ (**D**) $670 \div 25$ (**E**) $670 \div 30$

20. Given $36 - 12 = 24$ and $30 \div 6 = 5$, find the sum of the divisor and the minuend.
(**A**) 19 (**B**) 40 (**C**) 42 (**D**) 43 (**E**) 66

21. Assuming there are 364 days in a year, how many days are there in 709 years?
(**A**) 5,824 (**B**) 28,756 (**C**) 28,776 (**D**) 258,076 (**E**) 258,096

22. Which is the greatest difference?
(**A**) $2 - 1\frac{1}{9}$ (**B**) $1 - \frac{2}{9}$ (**C**) $4 - 3\frac{3}{9}$ (**D**) $6 - 5\frac{4}{9}$ (**E**) $7 - 6\frac{5}{9}$

23. What is the sum of the digit that is in the tens place and the digit that is in the hundredths place for 4,683.1257 ?
(**A**) 7 (**B**) 9 (**C**) 10 (**D**) 13 (**E**) 14

24. Bob is 4 years younger than Susie and Joe is 7 years older than Susie. How many more years older is Joe than Bob ?
(**A**) 3 (**B**) 4 (**C**) 10 (**D**) 11 (**E**) 12

25. If you have *c* cats and *d* dogs, how many cats and dogs do you have?
(**A**) $c \div d$ (**B**) $c \times d$ (**C**) $c - d$ (**D**) $d - c$ (**E**) $c + d$

MATH 4 PRACTICE TEST 4

Name_____ Date_____

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

1. A school has 982 students made up of third, fourth, fifth, and sixth graders. If 266 are in third grade, 254 in fourth grade, and 247 in fifth grade, how many students are in sixth grade?

(**A**) 115 (**B**) 125 (**C**) 214 (**D**) 215 (**E**) 225

2. If $\frac{7}{16}$ of the students were boys, what fraction of the students were girls?

(**A**) $\frac{8}{16}$ (**B**) $\frac{9}{16}$ (**C**) $\frac{10}{16}$ (**D**) $\frac{11}{16}$ (**E**) $\frac{12}{16}$

3. Your friend pays you 3 cents for every newspaper that you deliver. If you deliver 200 newspapers, how much money would your friend owe you?

(**A**) 6 cents (**B**) 60 cents (**C**) 203 cents (**D**) 600 cents (**E**) 660 cents

4. What time was it 40 minutes ago if it is currently 8:20?

(**A**) 7:30 (**B**) 7:40 (**C**) 7:45 (**D**) 7:50 (**E**) 9:00

5. Your friend tells you to wait one second when actually you had to wait 5 minutes. How much more time did you have to wait then your friend asked you to?

(**A**) 5 minutes 1 second (**B**) 4 minutes 99 seconds (**C**) 4 minutes 59 seconds
(**D**) 4 minutes 1 second (**E**) 4 minutes

6. You decide to sell lemonade to make some extra money. If a pitcher of lemonade can fill 8 glasses and you sell each glass of lemonade for 50 cents, how much money would you make for each pitcher of lemonade sold?

(**A**) 58 cents (**B**) 120 cents (**C**) 240 cents (**D**) 320 cents (**E**) 400 cents

7. If it takes 15 minutes to travel from school to home by car and one and a half hours to travel the same distance by walking, how much time is saved by taking the car?

(**A**) 60 minutes (**B**) 65 minutes (**C**) 75 minutes (**D**) 85 minutes (**E**) 105 minutes

8. There are 10 hot dogs in a pack and 8 hot dog buns in a pack. If you buy 4 packs of hot dogs, how many packs of hot dog buns would you need to buy in order to have the same number of hot dogs as buns?

(**A**) 4 (**B**) 5 (**C**) 6 (**D**) 7 (**E**) 8

9. A sequence is a pattern of numbers. What is the next number in the following sequence? 4, 7, 10, 13, _____

(**A**) 14 (**B**) 15 (**C**) 16 (**D**) 17 (**E**) 18

10. If you buy a guitar for $5.50 and you buy 6 guitar strings at 50 cents each, how much did you totally pay for the guitar and strings?

(**A**) $5.80 (**B**) $6.00 (**C**) $7.50 (**D**) $8.50 (**E**) $9.50

11. You are asked to bring enough bottles of 2 liter coke to your class party which consists of 16 people. If you estimate that you need a 2 liter bottle for every 4 people, how many bottles should you bring?

(**A**) 2 (**B**) 4 (**C**) 6 (**D**) 8 (**E**) 10

12. You have a 4 foot sub sandwich delivered for your birthday. If eight people total will be sharing the sub, how many inches should each piece be?

(**A**) 2 (**B**) 4 (**C**) 6 (**D**) 8 (**E**) 10

13. How many more minutes does 1 day have than 10 hours?

(**A**) 14 (**B**) 120 (**C**) 720 (**D**) 780 (**E**) 840

14. The fourth grade girls played the fourth grade boys in softball on Monday and Tuesday. On Monday, the girls won 14 to 9. On Tuesday, the boys won 11 to 6. How many more runs (points) did the girls score than the boys over the two days?

(**A**) 0 (**B**) 1 (**C**) 2 (**D**) 3 (**E**) 4

15. You are asked to bring 2 cookies for each student that is in your room, which consists of 16 students total. If your mother bakes 3 dozen cookies, how many cookies would you be able to eat at home and still have enough for school?

(**A**) 1 (**B**) 2 (**C**) 3 (**D**) 4 (**E**) 5

16. When 11 is divided by 3, what is the remainder?

(**A**) 0 (**B**) 1 (**C**) 2 (**D**) 3 (**E**) 4

17. You buy 3 pop sickles for 96 cents. If you sold the pop sickles for 1$ each, how much would you make for each pop sickle that is sold?

(**A**) 4 cents (**B**) 32 cents (**C**) 58 cents (**D**) 68 cents (**E**) 78 cents

18. If your birthday was 17 weeks ago, how many more days is it to your next birthday? Assume there are exactly 52 weeks in one year.

(**A**) 119 (**B**) 238 (**C**) 245 (**D**) 252 (**E**) 259

19. If *m* students share *n* cookies, how many cookies would each student get?

(**A**) $m+n$ (**B**) $m\times n$ (**C**) $m-n$ (**D**) $m\div n$ (**E**) $n\div m$

20. How many more sides does a pentagon have then a square?

(**A**) 1 (**B**) 2 (**C**) 3 (**D**) 4 (**E**) 5

21. Which would produce the smallest quotient?

(**A**) $15560\div 2$ (**B**) $15560\div 8$ (**C**) $15560\div 3$ (**D**) $15560\div 5$ (**E**) $15560\div 4$

22. What is the difference between forty thousand two hundred six and eighteen thousand eighty-eight?

(**A**) 22118 (**B**) 22172 (**C**) 22218 (**D**) 32218 (**E**) 38318

23. You need to paint 67 square feet of the wall. If each bottle of paint can cover 6 square feet, how many bottles of paint will you need to be able to complete the project?

(**A**) 9 (**B**) 10 (**C**) 11 (**D**) 12 (**E**) 13

24. Round 4499 to the nearest thousand.

(**A**) 4000 (**B**) 4400 (**C**) 4500 (**D**) 4550 (**E**) 5000

25. Which is the larger quantity?

(**A**) $1786+1786+1786+1786$ (**B**) 1786×5 (**C**) $(4\times 1786)+1784$

(**D**) $(3\times 1786)+1786+1784$ (**E**) $(2\times 1786)+(2\times 1786)+1787$

MATH 4 PRACTICE TEST 1 ANSWERS

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

1. $17 + 11 = 28$
2. $16 \times 5 - 6 \times 10 = 80 - 60 = 20$
3. 5 ft. 2 in. - 10 in. = 4 ft. 14 in. - 10 in. = 4 ft. 4 in.
4. 459 + 567 + 38 - 14 - 2 = 1048.
5. $10 - (2.6 + 3.8) = 10 - 6.4 = 3.6$
6. $52 \times 3 = 156$
7. 45
8. Sunday
9. 1047
10. 9,530
11. 4 minutes 13 seconds - 8 seconds = 4 minutes 5 seconds
12. $43 \div 4$ will produce a remainder of 3 which is the highest.
13. $(40 \times 6) + (10 \times 9) = 240 + 90 = 330$
14. $2(24 - 2) = 2(22) = 44$
15. 8 x 5 = 40
16. Since 24 cubic yards is 6 times as much dirt as 4 cubic yards, it would take 6 times as much time to move the dirt if it was moved at the same rate. Therefore 6 x 3 hours = 18 hours
17. 6 yd. - 12 ft. = 18 ft. - 12 ft. = 6 ft. = 72 in.
18. $0.28(24 - 17) = 0.28(7) = 1.96$
19. 6 x 8 = 48 = S
    9 x 6 = 54 = P
    8 x 7 = 56 = 0
    7 x 9 = 63 = T
20. 3 leaves every 20 minutes = 6 leaves every 40 minutes = 9 leaves every hour. Therefore 3 hr. 40 min. = 3 x 9 + 6 = 33
21. 71 - 24 = 47. 47 - 24 = 23. 23 hours ago will be 3:15 P.M.
22. $10 - 3(2.19) = 10 - 6.57 = 3.43$
23. Since Tom is 129th from the front, these people are not between Tom and Jerry and need to be subtracted from 247 which leaves 118 people. Since Jerry is 80th from the back, these people are not between Tom and Jerry and need to be subtracted from the 118 remaining people which results in 38.
24. the total number of dogs = the number of puppies + the number of mothers = $3 \times 4 + 3 = 12 + 3 = 15$
25. $x + y$

MATH 4 PRACTICE TEST 2 ANSWERS

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

1. No need to add any numbers. Choices A, B, and C each have 167 as an addend. Since the other addend for choice A is larger than the other addends for B and C, choices B and C are eliminated. Since one of the addends for choice D is larger than one of the addends for choice A, choice A is eliminated. Again, since one of the addends for choice E is larger than one of the addends for choice D, choice D is eliminated.
2. $7 \times 6 = 42$
3. 2,357
4. $9 \times (28 \div 4) = 9 \times 7 = 63$
5. one half
6. D
7. $56 \div 8 = 7$
8. No need to subtract any numbers. Since the minuends for all of the choices are the same, the problem with the smallest subtrahend will produce the greatest difference, which will be A.
9. No need to divide any numbers. Since the dividends are all the same, the largest divisor will produce the smallest quotient which will be 8.
10. 5
11. $6+8-1=4+? \rightarrow 13=4+? \rightarrow ?=9$
12. all products are the same
13. $5 \times 4 = 20$
14. 3 yards = 9 feet = 108 inches
15. $7 \times 24 = 168$
16. 6 hours and 45 minutes
17. $100-(6 \times 8) = 100-48 = 52$
18. $75+40+30+7 = 152$
19. $23 \times 10 + 8 = 230 + 8 = 238$
20. 63 cups
21. Friday
22. $a-b$
23. $689-270 = 419$ present. $438-419 = 19$ absent
24. $3 \times 12 = 36$ and $7 \times (36-29) = 7 \times 7 = 49$
25. Three times every fifteen seconds will be twelve times every minute, which equals twenty-four in two minutes.

MATH 4 PRACTICE TEST 3 ANSWERS

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

1. $8.47 - 6.58 = 1.89$
2. all products equal zero.
3. $(8 \times 2) + \left(\frac{1}{2} \times 8\right) = 16 + 4 = 20$
4. $65 - 33 = 32$ Only one stamp can be purchased. You are one penny shy of being able to buy your second stamp.
5. 1220
6. Monday
7. 11:20 - 8:15 = 3:05
8. all fractions equal one
9. 40,027
10. 7
11. $4 \times 7 = 28$
12. $20 \div 4$ Immediately the student should cross out choice B as a possible answer because it is a difference, not a quotient. Even though choice B does not equal four, it cannot be the answer because it is not even a quotient. The question informs the student to look for a quotient. The greatest lesson the student can learn from this question is to read carefully!
13. 376
14. 2025
15. $6\frac{4}{7} - 3\frac{2}{7} = 3\frac{2}{7}$
16. 3
17. 108,320,067
18. $(2 \times 12) \times 12 = 288$
19. $670 \div 25$
20. 36 + 6 = 42
21. $364 \times 709 = 258{,}076$
22. $2 - 1\frac{1}{9}$ will produce the greatest difference.
23. $8 + 2 = 10$
24. $7 + 4 = 11$
25. $c + d$

MATH 4 PRACTICE TEST 4 ANSWERS

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

1. $982-(266+254+247)=982-767=215$
2. $\frac{16}{16}-\frac{7}{16}=\frac{9}{16}$
3. $3\times 200=600$
4. 7:40
5. $5\,\text{min.}-1\,\text{sec.}=4\,\text{min.}60\,\text{sec.}-1\,\text{sec.}=4\,\text{min.}59\,\text{sec.}$
6. 8 x 50 = 400
7. $90-15=75$
8. You bought 10 x 4 = 40 hot dogs. 40 hot dogs divided by 8 hot dog buns per pack = 5 packs of buns.
9. $13+3=16$
10. $550+6\times 50=550+300=850$
11. $16\div 4=4$ bottles
12. $(4\times 12)\div 8=48\div 8=6$
13. $(24-10)\times 60=14\times 60=840$
14. $5-5=0$
15. $3\times 12=36$; $36-(2\times 16)=36-32=4$
16. $\frac{11}{3}=3\frac{2}{3}$ The remainder is two
17. $96\div 3=32$; $100-32=68$
18. $(52-17)\times 7=35\times 7=245$
19. $n\div m$
20. 5 - 4 = 1
21. No pencil is necessary on this one. Since all of the dividends are the same, the largest divisor will produce the smallest quotient.
22. 40206-18088 = 22118
23. $\frac{67}{6}=11\frac{1}{6}$ Therefore 12 bottles are needed in order to complete the project.
24. 4000
25. No pencil is necessary on this one. Choice B can be written so that it contains 5 addends of 1786, which is larger than choice A. Choice C can be written so that it has 4 addends of 1786 and one addend of 1784 and therefore is smaller than choice B. Choice D can be written exactly as choice C which also will be smaller than choice B. Choice E will be larger than choice B because it can be written with 4 addends of 1786 and one addend of 1787.