MATH 3 PRACTICE TEST 1

Name_____ Date_____

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

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

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

3. 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

4. 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

5. If gasoline last year sold for 98 cents per gallon and it is currently selling for 83 cents per gallon, how much cheaper is gasoline this year than last year?
(**A**) 5 cents (**B**) 6 cents (**C**) 14 cents (**D**) 15 cents (**E**) 16 cents

6. If there were 4 dozen cookies after Billy ate 3 cookies, how many cookies were there before Billy ate his three cookies?
(**A**) 1 (**B**) 7 (**C**) 19 (**D**) 45 (**E**) 51

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

8. You spent 93 cents (this includes tax) on a coke. If tax was 6 cents, how much was the price of the coke without the tax?
(**A**) 86 cents (**B**) 87 cents (**C**) 88 cents (**D**) 98 cents (**E**) 99 cents

9. Three dogs each had 4 puppies. How many total dogs are there?
(**A**) 12 (**B**) 13 (**C**) 14 (**D**) 15 (**E**) 16

10. Fred has 3 bicycles and 4 tricycles. How many wheels total are there? Assume each bicycle has two wheels and each tricycle has three wheels.
(**A**) 7 (**B**) 14 (**C**) 17 (**D**) 18 (**E**) 21

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

13. 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

14. If there are 728 boys and 698 girls in Central Elementary, how many students are there in the school?
(**A**) 1316 (**B**) 1326 (**C**) 1336 (**D**) 1416 (**E**) 1426

15. How many more days are there in 6 weeks than 2 weeks?
(**A**) 4 (**B**) 11 (**C**) 24 (**D**) 28 (**E**) 56

16. If 261 days have passed in a year containing 365 days, how many days are left in the year?
(**A**) 14 (**B**) 94 (**C**) 104 (**D**) 105 (**E**) 626

17. Which is the greatest product?
(**A**) 8×5 (**B**) 6×6 (**C**) 5×7 (**D**) 4×9 (**E**) 12×3

18. If three stamps cost 69 cents, how much would one stamp cost?
(**A**) 23 cents (**B**) 25 cents (**C**) 27 cents (**D**) 29 cents (**E**) 33 cents

19. You bought 3 red marbles for 6 cents each and 7 blue marbles for 6 cents each. How much did you spend for the marbles?
(**A**) 12 cents (**B**) 22 cents (**C**) 40 cents (**D**) 50 cents (**E**) 60 cents

20. Your two brothers and you raked a lawn for $27. How much would each of you get if everyone gets the same amount?
(**A**) $6 (**B**) $7 (**C**) $8 (**D**) $9 (**E**) $10

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. 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

23. 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

24. You are riding your bicycle at 7 miles per hour. If you double your speed and then slow down 3 miles per hour, how fast will you be going?
(**A**) 6 (**B**) 9 (**C**) 11 (**D**) 13 (**E**) 17

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 3 PRACTICE TEST 2

Name_____ Date_____

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

1. 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

2. You bought 8 pieces of gum for 5 cents each and 6 jawbreakers for 6 cents each. If you paid with a 1 dollar bill, how much change would you get back? Assume there are no taxes.

(**A**) 14 cents (**B**) 24 cents (**C**) 34 cents (**D**) 36 cents (**E**) 76 cents

3. Which is the greatest amount of money?

(**A**) 5 dimes, 3 nickels (**B**) 2 quarters, 1 dime, and 4 pennies (**C**) 12 nickels
(**D**) 7 dimes (**E**) 3 quarters

4. If it is July 15th, what month was it 60 days ago?

(**A**) April (**B**) May (**C**) June (**D**) August (**E**) September

5. You are driving a truck on a 1000 mile trip. If you travel 476 miles on the first day and 367 miles on the second day, how many miles do you have left to go?

(**A**) 147 (**B**) 157 (**C**) 167 (**D**) 257 (**E**) 843

6. 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

7. 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

8. 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**) $a-b$

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. Which would produce the largest sum?

(**A**) 167 + 242 (**B**) 167+241 (**C**) 240+167 (**D**) 168 + 242 (**E**) 242 +169

11. Which would produce the greatest difference?

(**A**) 672 - 468 (**B**) 672 - 469 (**C**) 672 - 470 (**D**) 672 - 471 (**E**) 672 - 472

12. Which would produce the greatest product?

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

13. If you bought 4 balloons for 28 cents, how much would 9 balloons cost?

(**A**) 16 (**B**) 45 (**C**) 54 (**D**) 63 (**E**) 72

14. Which is the largest product?

(**A**) 1×1 (**B**) $1\times1\times1$ (**C**) $1\times1\times1\times1$ (**D**) $1\times1\times1\times1\times1$ (**E**) all the products are the same.

15. For every dollar that you spend, you have to pay 6 cents tax. How much tax would you have to pay if you spent 5 dollars?

(**A**) 11 cents (**B**) 24 cents (**C**) 30 cents (**D**) 36 cents (**E**) 40 cents

16. 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

17. 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

18. John hiccups 3 times every 15 seconds. How many times will John hiccup in two minutes?

(**A**) 12 (**B**) 18 (**C**) 24 (**D**) 30 (**E**) 36

19. 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

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

21. Which fraction of a pizza would be largest?

(**A**) one-half (**B**) one-third (**C**) one-fourth (**D**) one-fifth (**E**) one-sixth

22. 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

23. How many hours are there in one week?

(**A**) 7 (**B**) 24 (**C**) 84 (**D**) 154 (**E**) 168

24. 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

25. Which 3 digit number is equivalent to 23 tens and 8 ones?

(**A**) 31 (**B**) 222 (**C**) 236 (**D**) 238 (**E**) 310

MATH 3 PRACTICE TEST 3

Name_____ Date_____

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

1. Kevin has scored 99 points this year in basketball and Jeff has scored 47. How many more points did Kevin score than Jeff?

(**A**) 42 (**B**) 52 (**C**) 53 (**D**) 62 (**E**) 63

2. The temperature was 73° F two hours ago and now it is 54° F. How much did the temperature drop?

(**A**) 9 (**B**) 18 (**C**) 19 (**D**) 28 (**E**) 29

3. If water boils at 212° F and it is currently at 167° F, how much warmer does the water need to get in order to boil?

(**A**) 44 (**B**) 45 (**C**) 46 (**D**) 145 (**E**) 146

4. 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

5. A toy store has 72 marbles. If 6 boys buy 9 marbles each, how many marbles would the store have left?

(**A**) 38 (**B**) 28 (**C**) 26 (**D**) 18 (**E**) 16

6. 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

7. If 6 boys share 12 pieces of candy, how many pieces would each boy get?

(**A**) 2 (**B**) 3 (**C**) 4 (**D**) 5 (**E**) 6

8. 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

9. 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

10. 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

11. If May 26th is on a Friday, what day of the week is May 22nd on?

(**A**) Friday (**B**) Saturday (**C**) Sunday (**D**) Monday (**E**) Tuesday

12. 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

13. If Bobby ate three-fifths of the pie, what fraction of the pie was left?

(**A**) one-fifth (**B**) two-fifths (**C**) three-fifths (**D**) four-fifths (**E**) five-fifths

14. If Rick plays the guitar for 20 minutes, how many seconds did he play?

(**A**) 80 (**B**) 120 (**C**) 600 (**D**) 1200 (**E**) 2000

15. If Jason shot the ball 17 times and made 13 of his shots, how many shots did he miss?

(**A**) 3 (**B**) 4 (**C**) 5 (**D**) 6 (**E**) 13

16. 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

17. If you ran 2.8 miles in the morning and 1.9 miles in the afternoon, how many miles did you run altogether?

(**A**) 0.9 (**B**) 3.7 (**C**) 4.7 (**D**) 37 (**E**) 47

18. If you live 9.3 miles from school and you traveled 5.4 miles to school, how many miles do you still have left to go?

(**A**) 3.9 (**B**) 4.1 (**C**) 4.7 (**D**) 4.9 (**E**) 14.7

19. For 647,892, which number is in the thousands place?

(**A**) 4 (**B**) 6 (**C**) 7 (**D**) 8 (**E**) 9

20. 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

21. You are 603 steps away from the door. If you take 237 steps towards the door, how many steps will you be away from the door?

(**A**) 366 (**B**) 376 (**C**) 434 (**D**) 466 (**E**) 476

22. $356 + 287 + 145 + 432 =$

(**A**) 1000 (**B**) 1020 (**C**) 1200 (**D**) 1219 (**E**) 1220

23. Which quotient does not equal 4?

(**A**) $36 \div 9$ (**B**) $8 - 5$ (**C**) $24 \div 6$ (**D**) $32 \div 8$ (**E**) $20 \div 4$

24. A candy bar costs \$0.55, a bag of chips cost \$0.79, and a bottle of coke costs \$1.09. How much money will you need in order to buy these items?

(**A**) \$1.43 (**B**) \$2.23 (**C**) \$2.33 (**D**) \$2.43 (**E**) \$2.53

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 3 PRACTICE TEST 4

Name_____ Date_____

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

1. A 32 cent stamp now costs 33 cents. How much more will it now cost to buy 23 stamps?
   (**A**) 23 cents (**B**) 32 cents (**C**) 33 cents (**D**) 56 cents (**E**) 759 cents

2. If 50 states are placed in groups of 5, how many groups would there be?
   (**A**) 1 (**B**) 8 (**C**) 10 (**D**) 11 (**E**) 12

3. If milk costs $2.00 per gallon, how much would 8 gallons cost?
   (**A**) $4 (**B**) $6 (**C**) $10 (**D**) $14 (**E**) $16

4. 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

5. 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**) $\frac{12}{16}$

6. If $16 \div 2 = x$, find the value of *x*?
   (**A**) 8 (**B**) 9 (**C**) 10 (**D**) 12 (**E**) 14

7. If $32 - b = 16$, find the value of *b*.
   (**A**) 2 (**B**) 15 (**C**) 16 (**D**) 17 (**E**) 18

8. 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

9. 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

10. 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

11. 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

12. 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

13. Which sum is greater?

(**A**) $96+78$ (**B**) $95+80$ (**C**) $94+82$ (**D**) $93+83$ (**E**) $92+85$

14. 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

15. 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

16. 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

17. 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

18. 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

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

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

20. The third grade girls played the third 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

21. 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

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

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

23. 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

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

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

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

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

MATH 3 TEST 1 ANSWERS

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

1. 1047
2. 45
3. 9,530
4. $2(24-2)=2(22)=44$
5. $98-83=15$
6. $4\times12+3=48+3=51$
7. $17+11=28$
8. $93-6=87$
9. the number of dogs = the number of puppies + the number of mothers = $3\times4+3=12+3=15$
10. $3\times2+4\times3=6+12=18$
11. 4 minutes 13 seconds - 8 seconds = 4 minutes 5 seconds
12. $52\times3=156$
13. Sunday
14. $728+698=1426$
15. $7(6-2)=7\times4=28$
16. 365 - 261 = 104
17. 8 x 5 = 40
18. $69\div3=23$
19. $3\times6+7\times6=18+42=60$
20. $27\div3=9$
21. 71 - 24 = 47. 47 - 24 = 23. 23 hours ago will be 3:15 P.M.
22. $16\times5-6\times10=80-60=20$
23. 6 x 8 = 48 = S
    9 x 6 = 54 = P
    8 x 7 = 56 = 0
    7 x 9 = 63 = T
24. $2\times7-3=14-3=11$
25. $x+y$

MATH 3 TEST 2 ANSWERS

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

1. $6+8-1=4+? \rightarrow 13=4+? \rightarrow ?=9$
2. $(8\times5)+(6\times6)=40+36=76 \rightarrow 100-76=24$
3. 3 quarters
4. May
5. $1000-(476+367)=1000-843=157$
6. Friday
7. $689-270=419$ present. $438-419=19$ absent
8. $a-b$
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. 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.
11. 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.
12. $7\times6=42$
13. $9\times(28\div4)=9\times7=63$
14. all products are the same
15. $5\times6=30$
16. $56\div8=7$
17. $3\times12=36$ and $7\times(36-29)=7\times7=49$
18. Three times every fifteen seconds will be twelve times every minute, which equals twenty-four in two minutes.
19. $100-(6\times8)=100-48=52$
20. D
21. one half
22. 6 hours and 45 minutes
23. $7\times24=168$
24. $75+40+30+7=152$
25. $23\times10+8=230+8=238$

MATH 3 TEST 3 ANSWERS

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

1. $99 - 47 = 52$
2. $73 - 54 = 19$
3. $212 - 167 = 45$
4. all products equal zero.
5. $72 - (6 \times 9) = 72 - 54 = 18$
6. $8.47 - 6.58 = 1.89$
7. $12 \div 6 = 2$
8. $65 - 33 = 32$ Only one stamp can be purchased. You are one penny shy of being able to buy your second stamp.
9. $(8 \times 2) + \left(\frac{1}{2} \times 8\right) = 16 + 4 = 20$
10. $4 \times 7 = 28$
11. Monday
12. 11:20 - 8:15 = 3:05
13. two-fifths
14. $20 \times 60 = 1200$
15. $17 - 13 = 4$
16. all fractions equal one
17. $2.8 + 1.9 = 4.7$
18. $9.3 - 5.4 = 3.9$
19. 7
20. 40,027
21. $603 - 237 = 366$
22. 1220
23. $20 \div 4$ 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!
24. 0.55 + 0.79 + 1.09 = 2.43
25. $c + d$

MATH 3 TEST 4 ANSWERS

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

1. $23 \times 1 = 23$
2. $50 \div 5 = 10$
3. $2 \times 8 = 16$
4. $982 - (266 + 254 + 247) = 982 - 767 = 215$
5. $\frac{16}{16} - \frac{7}{16} = \frac{9}{16}$
6. $16 \div 2 = 8$
7. 32 - 16 = 16
8. $3 \times 200 = 600$
9. 7:40
10. $5\,\text{min.} - 1\,\text{sec.} = 4\,\text{min.}60\,\text{sec.} - 1\,\text{sec.} = 4\,\text{min.}59\,\text{sec.}$
11. 8 x 50 = 400
12. $90 - 15 = 75$
13. The students do not need to add the numbers. Choice B is larger than choice A because for choice B, the first addend is one less and the second addend is 2 more. Choice C is larger than choice B by the same reasoning. Choice D will equal choice C and choice E will be greater than choice C.
14. You bought 10 x 4 = 40 hot dogs. 40 hot dogs divided by 8 hot dog buns per pack = 5 packs of buns.
15. $13 + 3 = 16$
16. $550 + 6 \times 50 = 550 + 300 = 850$
17. $16 \div 4 = 4$ bottles
18. $(4 \times 12) \div 8 = 48 \div 8 = 6$
19. $(24 - 10) \times 60 = 14 \times 60 = 840$
20. $5 - 5 = 0$
21. $3 \times 12 = 36$; $36 - (2 \times 16) = 36 - 32 = 4$
22. $\frac{11}{3} = 3\frac{2}{3}$ The remainder is two
23. $96 \div 3 = 32$; $100 - 32 = 68$
24. $(52 - 17) \times 7 = 35 \times 7 = 245$
25. $n \div m$