Printable 4th grade math test
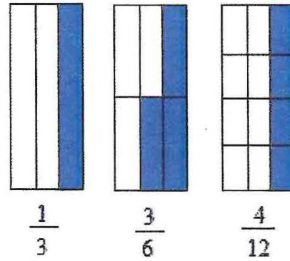
Name _____   Date: _____

Solve the following problems
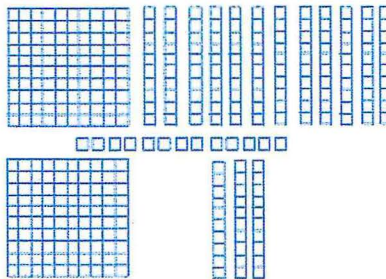
1.

a. Which fraction is not equivalent to the other two? _____

$$\frac{1}{3} \qquad \frac{3}{6} \qquad \frac{4}{12}$$

2. Jetser has a business that is not doing well. On Friday, he earned 468 dollars. On Saturday, he earned 459. On Tuesday, he earned 432 dollars. How much money did he earned on Thursday?

A. 424   **B.** 414   **C.** 314   **D.** 451

3. Look at the base-10 blocks below and tell which number it represents. Take a close look before answering!

A. 363   **B.** 164   **C.** 451   **D.** 300

4. Round 846 to the nearest hundred _____ and 3756 to the nearest thousand _____

5. What number is the same as five thousand twenty-two?

A. 5200   **B.** 502   **C.** 5202   **D.** 5022

6. Write the decimal 0.25 and 0.4 in words and as fractions

words   fractions

0.25 : _____   _____

0.4
~~0.25~~ : _____   _____

7. Which number is greater than 5678 but less than 5708?

A.5677   **B.** 5707   **C.** 5800   **D.** 0

8. What is the value of the symbol # ?_____

$6 + \# = 14$

9. How many blocks of 100 and 10 can you make with 3250?

A.325 and 1   **B.** 32 and 5   **C.** 30 and 50   **D.** 3 and 55

10. 1 quarter, 3 dimes, 2 nickels, and 6 cents equals

A. $0.70   **B.** $0.71   **C.** $0.75   **D.** $0.69

11. Multiply 235 by 13 _____

A. 4322   **B.** 3078   **C.** 3055   **D.** 566

12. Which fraction is greater than 2/3?

A. 1/3   **B.** 4/5   **C.** 4/6   **D.** 2/6

13. Find 4 multiplication problems that are the same as $12 + 12 + 12$

14. The shaded fraction is

A. two-ninths   **B.** nine-three   **C.** four-eigths   **D.** Three-ninths

15. Perform the following additions and subtractions

$64837 + 4598 = ?$

$92345 - 91422 = ?$

16.

What is the best name of a geometric figure that looks like a dumpster? _____

Which of the following shape could you probably use to describe the shape of your eyeball?

A.Cube   B. Sphere   C. Cylinder   D. Cone

Which of the following shape could you probably use to describe the shape of the refrigerator in your house?

A.Cube   B. Sphere   C. Cylinder   D. rectangular prism

17. Suppose you have 3 quarters, 5 dimes, 2 pennies, and 1 nickel in your pocket. You tell a friend to pick only one coin. Which coin is your friend most likely to pick? Briefly explain why

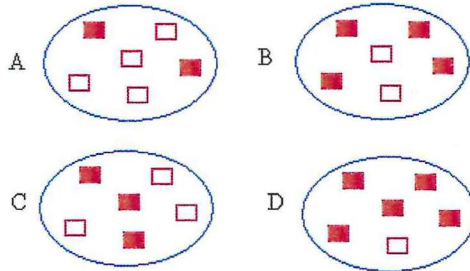**18.** Write the following numbers in words

5669 _____

8765 _____

19. Perform the following long division

$$4 \overline{)\,236} \qquad 5 \overline{)\,341}$$

20. Which two circles when added will give you a whole?

Choice #1: A and C **Choice #2**: B and C **Choice #3**: A and B **Choice #4**: B and D

21. Make a circle. Break the circle into 4 equal pieces. Then, shade two-fourths of the circle.

22. Make two circles. Break both circles into 4 equal pieces. Then, shade three-fourths of the circle and one-fourth of the second circle

a. What is three-fourths minus one-fourth? _____

a. What is three-fourths plus one-fourth?_____

23. Replace the symbols * and # with numbers to balance the equation

6 + * = 10 + # + #

24. Which math problem(s) means the same thing as 40 + (100 + 300)? _____

A. 140 + 300   **B.** 40 + 500   **C.** 40 × 11   **D.** 40 ×100 + (30)

25. Problem solving skills.**No calculator. No exception! In fact, no calculator should be used at all to solve this 4th grade math test**

You 6700 dollars in your pocket. You want to buy 7 laptop costing each 800 dollars.

How much will the 7 laptops cost?_____

Explain how you used the multiplication table and math facts to get the answer very quickly

After you pay for the calculators, how much money are you left with?_____

Explain again how you used math facts to get the answer very quickly

You want to share the leftover money **evenly** between you and 10 friends. How much money each person will get?_____

26. If 5 books cost 100 dollars, what is the price of 2 books?

27. The area of the shape below is

A. 14 square units   **B.** 17 square units   **C.** 10 square units × 11   **D.** 16 square units

28. In the space below, draw 2 lines that are parallel and a third line that is perpendicular to the parallel lines

29. Draw 2 congruent shapes and 2 similar shapes in the space below:

30. Complete with the next 2 numbers

4, 20, 100, _____, _____