CIE-USA/DFW

Math Competition 2015

Grade 3

30 questions

Time: 45 minutes

Note:

*Make sure to write all your answers on the answer sheet. Only the answer sheet will be graded.

*Each of the 30 questions carries the same weight, so if there is not enough time; work on the easiest problems first.

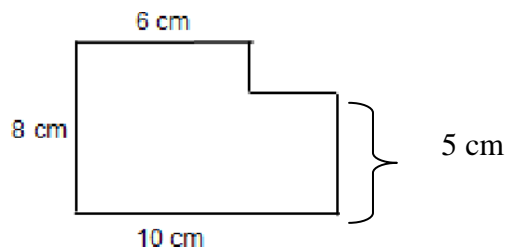*PRINT your name and room below.

Name _____

Room _____

1. Mike is reading a book that has 125 pages. If he reads 10 pages a day, how many days will it take him to finish the book?

A. 15   B. 13   C. 14   D. 18

2. Sam paid $2.00 for 8 bananas. How much would he pay for 12 bananas?

A. $6   B. $8   C. $3   D. $12

3. What is the perimeter of the shape below?

A. 29 cm   B. 32 cm   C. 36 cm   D. 80 cm

4. Room 2 and Room 1 have 58 students in total. 4 students are transferred from Room 1 to Room 2. Now the two rooms have the same number of students. How many students were there in each room before the transfer?

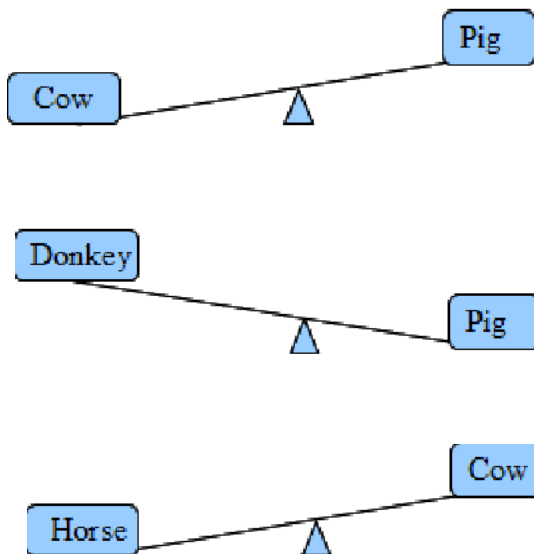A. 30, 38   B. 26, 32   C. 25, 33   D. 20, 38

5. Lincoln Elementary School has four 3rd grade classes. Each class has 22 students. At the end of school year, 3 students transferred to another school. How many students are left in the 3rd grade at the end of school year?

A. 88   B. 17   C. 80   D. 85

6. Of all the numbers between 1 and 99 inclusive, how many times does the digit "1" appear?

A. 9   B. 10   C. 19   D. 20

7. The drawings below indicate animals on balances. Which animal is the heaviest?

A. Horse   B. Cow   C. Pig   D. Donkey

8. John has a stamp album. Each page has 9 rows of 8 stamps. He has stamps in 3 whole rows and one-half of the fourth row. How many more stamps can be put on that page?

A. 40   B. 20   C. 44   D. 72

9. You need to cut a piece of wood rod to 10 pieces. It takes 5 minutes to make 1 cut. How long does it take to complete the cuts?

A. 30 min   B. 50 min   C. 24 min   D. 45 min

10. Amy and Ben have 70 books together. If Amy gave Ben 5 books, then they have the same number of books. How many books did they each have at the beginning?

A. 25, 45   B. 26, 44   C. 28, 42   D. 30, 40

11. Ala has 61 dollars, Barb has 91 dollars, and Sophia has as many dollars more than Ala as she has less than Barb. How many dollars does Sophia have?

A. 46   B. 60   C. 76   D. 29

12. In a trunk there are 5 chests, in each chest there are 3 boxes, and in each box there are 10 gold coins. The trunk, the chests, and the boxes are locked. At least how many locks need to be opened in order to take out 60 coins

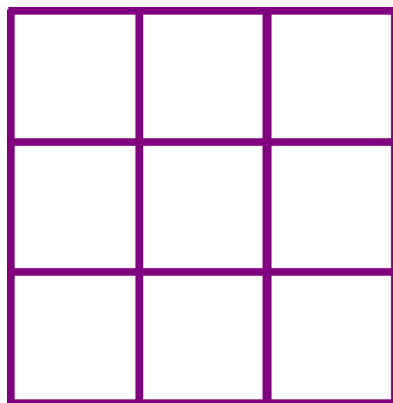A. 6   B. 7   C. 8   D. 9

13. John began to read at 11:10 am. At 2:20pm he stopped reading. How many minutes did John read?

A. 190   B. 210   C. 230   D. 250

14. Divide 1.75 by -0.7

A. 2.5   B-2.5   C 0.25   D. -0.25

15. How many squares are here?

A. 14   B. 13   C. 10   D. 9

16. Subtract -47 from +18

A. 65   B. 29   C. -65   D. -29

17. There are 10 red socks and 10 black socks in a drawer. If David picks socks without looking, how many socks does he need to pick in order to be sure of getting one pair of socks with each color?
A. 5   B. 10   C. 11   D. 12

18. 2.1÷3=

A. 2.1   B. 3   C. 7   D. 0.7

19. Kathy found a book, which was missing of certain number of sheets. When she opened the book she saw number 10 on the left side and number 21 on the right side. How many sheets between those sides were missing?

A. 12   B. 5   C. 10   D. 11

20. The perimeter of a rectangle is 40 inch. The length of the one side of the rectangle is 12 inches. What is the area of the rectangle?

A. 96   B. 106   C. 100   D. 120

21. There were 150 bulbs in a box. 10 of them are broken. The rest were packed into boxes of 14 bulbs each. How many boxes of bulbs were there?

A. 10   B. 20   C. 30   D. 40

22. A supermarket is open from 10:15 am to 9:30 pm every day. How long is the supermarket open every day?

A. 11 hours   B.12 hours   C.11hours 15minutes   D.10 hours

23. Jessica jogged 5 miles a day. How many miles did she jog in a week?

A. 6   B. 9   C.35   D. 15

24. 10 people shared $100 equally. How much money did each person receive?

A. $5   B. $10   C. $ 30   D. $20

25. Find the value of 1/3 of 36

A. 24   B. 216   C. 9   D. 12

26. Jack is twice as old as Samuel. Samuel is 9 years old. How old is Jack?

A. 9   B. 11   C. 18   D. 2

27. 9/10 of 40=

A. 18   B. 90   C. 36   D. 2

28. Which of the following is the third positive multiple of 8?

A. 24   B.12   C. 16   D. 6

29. Complete the number pattern.

35,070,   (   ),   35,230,   35,310,   35,390

A. 35,100   B. 35,130   C. 35,150   D. 35,200

30. What do we call a six-sided figure?

A. Octagon   B. pentagon   C. hexagon   D. decagon

Bonus questions:

31. Find two consecutive integers whose sum is 71.

A. 30,41   B, 20,51   C. 35,36   D. 37,34

32. 18÷(-3)=

A. 18   B. -3   C. 6   D. -6