

## MATHEMATICS DIAGNOSTIC TEST

**Write each number in words:**

1) 13 \_\_\_\_\_  
2) 548 \_\_\_\_\_

**Write the following as figures:**

3) seventy-one \_\_\_\_\_  
4) three hundred and two

**Which set (s) below have an even number of objects?**

5) Set A Set B Set C Set D



**Use the digits (5, 9, 2) to make**

6) The largest odd number \_\_\_\_\_  
7) The smallest even number \_\_\_\_\_

Use  $<$ ,  $>$ ,  $=$  to make each statement correct

8)  $4 + 10$  ..... 2 x 7  
9)  $25 - 5$  .....  $25 \div 5$

**Complete the pattern**

10) 23 24 26 \_\_\_\_\_ 33  
11) 99 \_\_\_\_\_ 95 93 91

**Write the following in expanded form.**

12)  $275 =$  two hundreds + \_\_\_\_\_ tens + 5 ones  
13)  $36 =$  \_\_\_\_\_ ones

**Use the numbers in the box below to answer the following questions**

75	23	48	62	12	93	39
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14) Re-write the numbers in the box in descending order.

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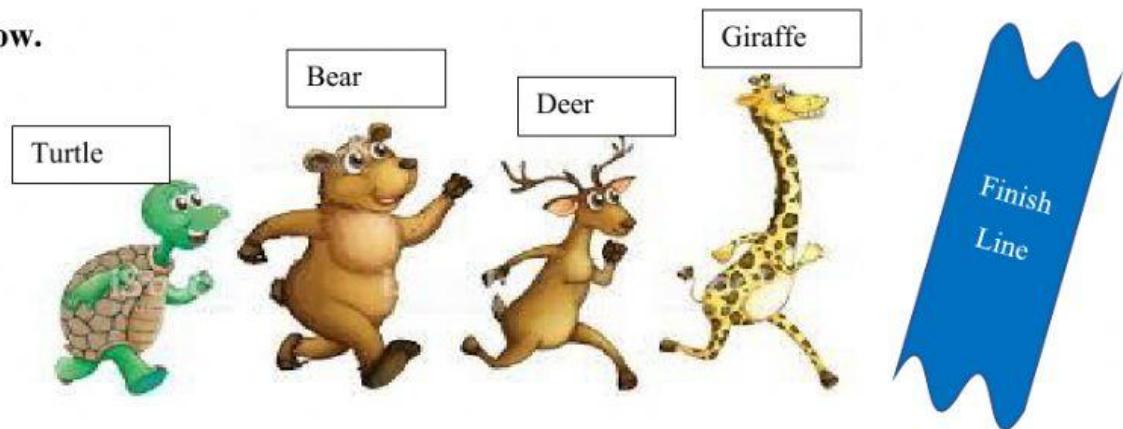
15) What is the sum of the largest and smallest numbers?

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**In the number 6532**

16) What is the value of the **underlined digit**? \_\_\_\_\_  
17) Which number is in the **tens** column? \_\_\_\_\_

Look at the following animals carefully and answer the questions which follow.



18) Which animal is 4<sup>th</sup> place? \_\_\_\_\_

19) In what position is the deer? \_\_\_\_\_

20) If Bear crossed the finish line at 10: 00 a.m. and Turtle crossed 15 minutes later. At what time did turtle finish the race?

Complete the following carefully.

$$\begin{array}{r}
 21) \quad 6 \quad 3 \quad 7 \\
 + \quad 1 \quad 2 \quad 4 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 22) \quad 9 \quad 5 \quad 1 \\
 - \quad 4 \quad 3 \\
 \hline
 \end{array}$$

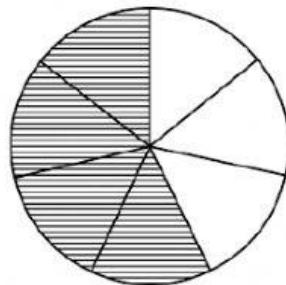
23) What is the **product** of 57 and 4?

24) **Divide** 42 marbles equally among 3 boys.



25) How **much more** is 169 than 35?

26) What fraction of the shape below is **shaded**? \_\_\_\_\_

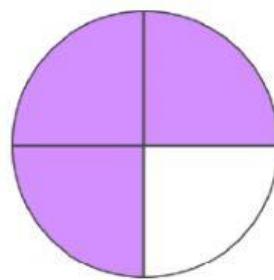


28) How many times can 5 be taken from 45?

29) Which statement is correct?

- a)  $A > B$
- b)  $A = B$
- c)  $A < B$

**Figure A**



**Figure B**

