



**RAMAGYA SCHOOL, NOIDA**  
II/MATHEMATICS/2017-18  
OLYMPIAD PRACTICE WORKSHEET

**Concept Based**

1. Which shape is in between?



**(a)** cylinder



**(b)** star



**(c)** diamond



**(d)** square

2. Which number comes before 96?

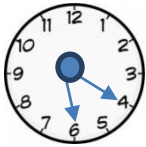
**(a)** 75

**(b)** 67

**(c)** 95

**(d)** 69

3. What is the time?



**(a)** half past 6

**(b)** 6:14

**(c)** quarter past 6

**(d)** 6:20

4. How many tens are in given buntings?



**(a)** 3 tens

**(b)** 1 ten



**(c)** 2 tens

**(d)** 10 tens

5. Choose the correct the number name of 56

**(a)** fifty seven

**(b)** fifty six

**(c)** forty seven **(d)** sixty five

## Application Based

Question nos 6-8 will be based on the figure shown below. Look at the figure and answer accordingly



6. How many oranges are there inside the basket?

- a) 9    b) 5    c) 4    d) 10

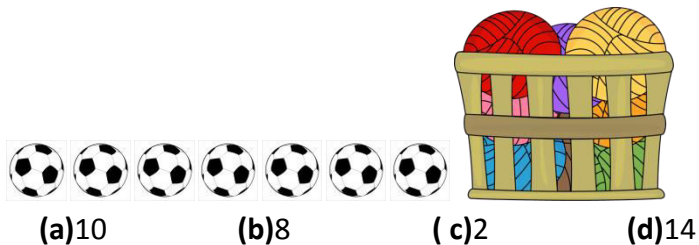
7. Which fruit is less in number?

- a) Apple & Pear    b) Pear    c) Mango    d) Oranges

8. How many fruits are there in total?

- a) 16    b) 14    c) 17    d) 18

9. There are 15 balls in all. How many are in the basket.



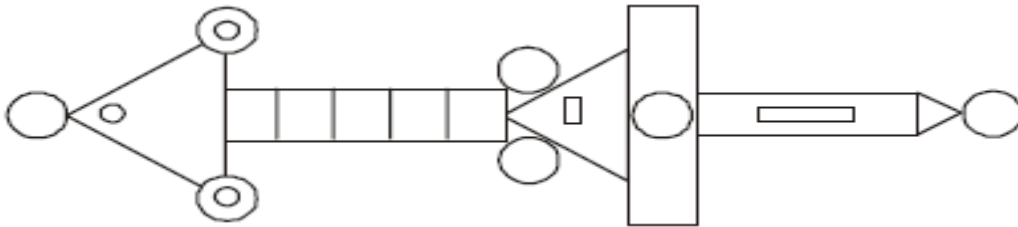
- (a)10    (b)8    (c)2    (d)14

10. What come in between 88 and 90

- (a)91    (b) 85    (c)89    (d)87

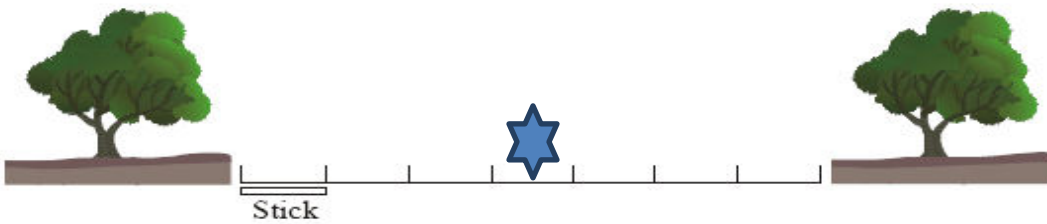
**HOTS**

11. How many squares are there in the given picture ?



- a) 5      b) 7      c) 4      d) 8

12. Choose the correct option.



The distance between the star and either of the trees is how many sticks?

- a) 8      b) 6      c) 3      d) 1

13. Saurabh and his friends conducted a charity in their society, find the sum collected by them.



- a) 89      b) 98      c) 88      d) 78

14. Find all the calculations that total 96 ?

i)  $48 + 48$

ii.  $15 + 36$

iii.  $86 + 10$

iv.  $53 + 33$

(a) i and iii

(b) iv and iii

(c) ii and iii

(d) i and iii

### Value Based

15. Five children find total 50 shells on a beach. Shaina finds 20 shells, Raghav finds 18 shells and Victor finds 2 shells, Raju could get only one. How many shells does Amar find?

(a) 20 shells

(b) 30 shells

(c) 0 shells

(d) 9 shells

16 Here is a sequence of numbers. The sequence continues in the same way.

$$2 \times 4 = 8$$

$$2 \times 8 = 16$$

$$2 \times \dots = 32$$

Write the next number in the sequence.

(a) Sixteen

(b) Seven

(c) Eight

(d) Four

17. Which item is the used to measure?



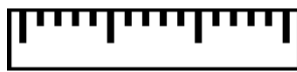
Mobile



Pencil



Leaf



Ruler

(a) Ruler

(b) Leaf

(c) Mobile

(d) Pencil

18. 144 trees are to be planted in 12 rows with equal no. of trees in each row. How many are in a row?

a) 12

b) 4

c) 8

d) 6

19. A bus is carrying 94 passengers. 37 person get off the bus and 16 enter the bus at a bus stop. How many are now travelling in the bus?

a) 73

b) 75

c) 79

d) 76

20. I am a two digit number between 75 and 80. I have 7 tens and 6 ones who am I ?

a) 77

b) 76

c) 79

d) 78