



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

**Concept Based Questions**

1. Which shape is in between?

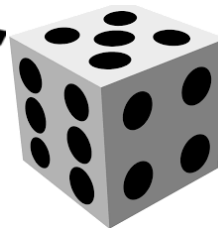


a) Triangle

(b) Angle

(c) Rectangle (d) Circle

2. Identify and circle the objects that have hollow shape.



3. Which number is between 90 and 100?

(a) 35

(b) 99

(c) 29

(d) 09

4. How many tens are in given buntings?



(a) 3 tens

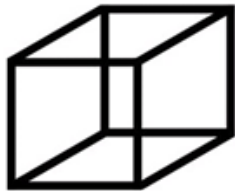
(b) 1 ten



(c) 2 tens

(d) 10 tens

5. Observe the figure given below and Answer the following questions.



a) Name the figure. \_\_\_\_\_ c. Count the number of faces. \_\_\_\_\_

b) Count the number of vertices. \_\_\_\_\_ d. Count the number of edges. \_\_\_\_\_

### Application Based Questions

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



6. How many apples are there in the basket?

- a) 6    b) 5    c) 4    d) 7

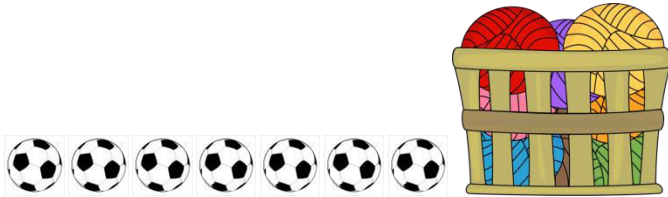
7. Which fruit is less in number?

- a) Apple                      b) Banana                      c) Mango                      d) Watermelon

8. How many fruits are there in total?

- a) 16                      b) 15                      c) 17                      d) 18

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



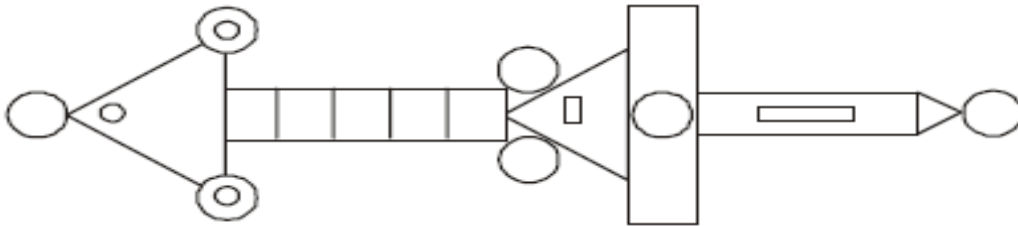
- (a)10                      (b)8                      (c)2                      (d)14

10. What come in between 68 and 70

- (a)71                      (b) 69                      (c)59                      (d)67

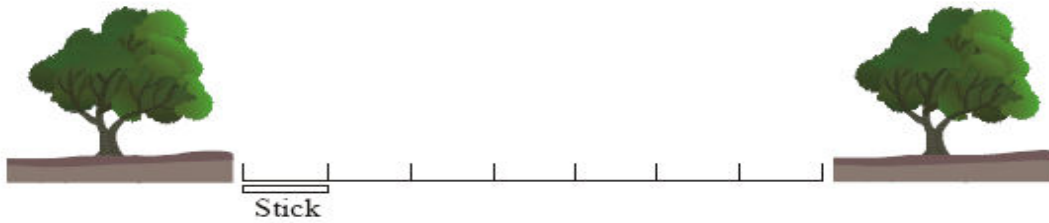
### HOTS Questions

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



- a) 9                      b) 10                      c) 12                      d) 8

12. Choose the correct option.



The distance between the two trees is how many sticks?

- a) 8                      b) 6                      c) 7                      d) 1

13. Match the units with their respective items (to measure the height/ weight/ capacity) :

a. Kilogram



b. Centimeter



c. Litre



d. Millilitre



e. Meter



14. Find all the calculations that total 66 ?

i)  $14 + 42$

ii.  $15 + 36$

iii.  $46 + 10$

iv.  $33 + 33$

(a) i and iii

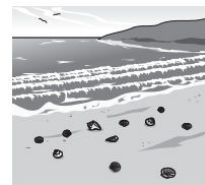
(b) iv

(c) ii and iii

(d) i and ii

### Value Based Questions

15. Four children find total 50 shells on a beach. Shaina finds 20 shells, Raghav finds 18 shells and Victor finds 12 shells.



How many shells does Amar find?

(a) 20 shells

(b) 30 shells

(c) 0 shells

(d) 10 shells

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

Three  $\longrightarrow$  Four  $\longrightarrow$  Five  $\longrightarrow$  \_\_\_\_\_

Write the next number in the sequence.

(a) Six

(b) Seven

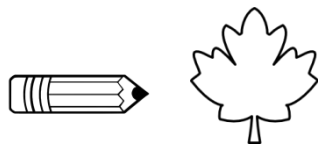
(c) Eight

(d) Two

17. Which item is the lightest?



Mobile



Pencil



Leaf

Ruler

(a) Ruler

(b) Leaf

(c) Mobile

(d) Pencil

18. Add me to 4 or subtract me from 12. The answer is same who am I?

a) 12

b) 4

c) 8

d) 6

19. A bus is carrying 54 passengers. 27 person get off the bus and 2 enter the bus at a bus stop.  
How many are now travelling in the bus?

- a) 27      b) 25      d) 29 d) 26

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