

D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS)
APTITUDE TEST

Number Puzzle – II TEST 27

1. Find the missing number

13	54	?
7	45	32
27	144	68

- a) 6
c) 2
b) 4
d) 8

2. Find the missing number

7	4	5
8	7	6
3	3	?
29	19	31

- a) 7
c) 5
b) 9
d) 3

3. Find the missing number

3	15	4
7	38	5
3	?	5

- a) 21
c) 18
b) 25
d) 16

4. Find the missing number

42	44	38
23	55	28
37	?	39

- a) 22
c) 20
b) 24
d) 18

5. Find the missing number

1	7	9
2	14	?
3	105	117

- a) 14
c) 10
b) 16
d) 12

6. Find the missing number

963	2	844
464	?	903

- a) 4
c) 6
b) 2
d) 8

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7. Find the missing number

1	2	3
11	7	5
120	45	?

- | | |
|-------|-------|
| a) 12 | b) 16 |
| c) 14 | d) 20 |

8. Find the missing number

51	11	61
64	30	32
35	?	43

- | | |
|-------|-------|
| a) 21 | b) 24 |
| c) 30 | d) 27 |

9. Find the missing number

72	24	6
96	16	12
108	?	18

- | | |
|-------|-------|
| a) 6 | b) 13 |
| c) 12 | d) 24 |

10. Find the missing number

28	20	7
84	35	12
45	?	9

- | | |
|-------|-------|
| a) 15 | b) 10 |
| c) 25 | d) 30 |

11. When the number 153,810 is divided by n, for which n is the remainder largest ?

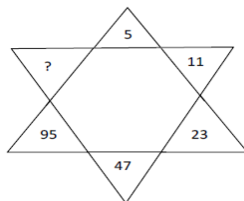
- | | |
|------|------|
| a) 2 | b) 5 |
| c) 6 | d) 8 |

12. Which of the following is a common factor of both $x^2 - 4x - 5$ and $x^2 - 6x - 7$?

- | | |
|----------|----------|
| a) $x-5$ | b) $x-7$ |
| c) $x-1$ | d) $x+1$ |

13. If two similar triangles have bases in the ratio of 3:4, what is the ratio of their areas?

- | | |
|-----------|--------|
| a) 1:1.67 | b) 3:4 |
| c) 9:16 | d) 6:8 |



14. Find the missing number:

- | | |
|--------|--------|
| a) 189 | b) 191 |
|--------|--------|

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c) 3
15. Find the missing number

2	3	4
6	7	8
10	11	12
58	74	?

d) 255

a) 91
c) 96

b) 90
d) 92

16. How many total fruits will be in the basket at the end of the above order sequence?

a) 9
c) 11

b) 8
d) 10

17. In a casino, Anurag bets on number 23 on a spinning wheel 12 times and loses each time. On the 13th spin he does a quick calculation and finds out that the number 17 had appeared three times in the last 12 spins and is therefore, unable to decide whether to bet on 23 or 17 in the 13th spin. Which number (23 or 17) will give him the best chance of winning and what are the odds of winning on the bet that he takes? (Wheel has numbers 1 to 36)

a) 23; 2:1
c) Either; 18:1

b) 17; 19:17
d) Either; 35:1

18. When the units and tens digits of a certain two-digit number are reversed, the sum of the two numbers is 121 and the difference is 9. What is the tens digit of the original number?

a) 1
c) 4

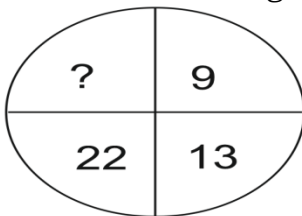
b) 3
d) 6

19. In a shop, there are 4 dolls of different heights P, Q, R and S. S is neither as tall as P nor as short as R. Q is shorter than S but taller than R. If Kittu wants to purchase the tallest doll, which one should she purchase?

a) Only P
c) Either P or S

b) Only S
d) Either Q or S

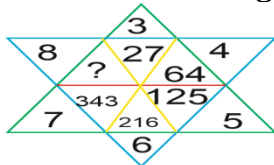
20. Find the missing number



a) 40
c) 39

b) 38
d) 44

21. Find the missing number



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- a) 312
- c) 512

- b) 412
- d) 612

22. Find the missing number

7	9	6
8	6	7
3	5	?
168	270	123

- a) 6
- c) 4

- b) 5
- d) 3

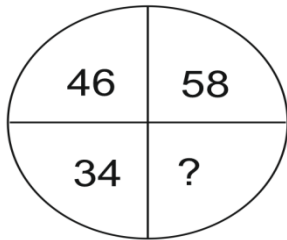
23. Find the missing number

15	11	7
7	9	12
8	6	?
840	594	420

- a) 9
- c) 60

- b) 70
- d) 5

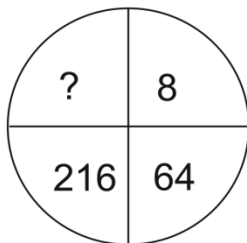
24. Find the missing number.



- a) 92
- c) 22

- b) 72
- d) 68

25. Find the missing number



- a) 343
- c) 729

- b) 512
- d) 1000