

Part 1 : Logjikë

1.

AKA
ELI
ILK $\Rightarrow$ ALI = ?
ILE
ALI
A) 684 B) 685 C) 757 D) 786 E) 486

2.

I II
432 $\triangle \square \blacksquare$
124 $\blacksquare \triangle \blacktriangle$ $\Rightarrow$ 134 = ?
224 $\blacksquare \square \blacktriangle$
134 $\triangle \blacktriangle \blacksquare$
412 $\blacktriangle \blacktriangle \blacksquare$
A) $\triangle \square \blacksquare$ B) $\blacksquare \triangle \blacktriangle$ C) $\blacktriangle \blacktriangle \blacksquare$
D) $\triangle \blacktriangle \blacksquare$ E) $\square \square \triangle$

3.

K
L
+ M $\Rightarrow$ K+M-N+L = ?
N
A) -2 B) -1 C) 0 D) 1 E) 2

4.

K M
 $\times 6$ $\times 3$ $\Rightarrow$ max (R + M) = ?
RK LM
A) 8 B) 9 C) 10 D) 11 E) 12

5.

49 $\blacktriangle \rightarrow 13$
56 $\blacktriangle \rightarrow 11$
47 $\blacktriangle \blacktriangle \rightarrow ?$
A) 82 B) 54 C) 28 D) 16 E) 2

6.

36 * 9 = 16
27 * 3 = 81
16 * 8 = 4
45 * 9 = ?
A) 16 B) 25 C) 36 D) 49 E) 64

7. "4 12 15 5 ? 18 6"

A) 12
B) 20
C) 16
D) 14
E) 6

8. "3 6 ? 18 21 42 45 90"

A) 4
B) 5
C) 7
D) 8
E) 9

9.

I II III IV
A) 18 B) 22 C) 24 D) 28 E) 32

10.

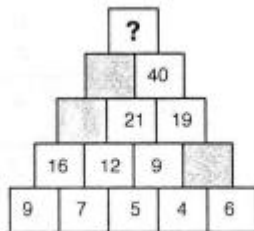
A) 1881 B) 2840 C) 3620 D) 4840 E) 5040

11.

1	8	9	64	?
1	4	27	16	?

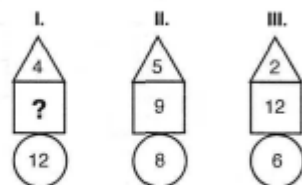
- A) 21 50 B) 25 100 C) 21 125 D) 25 125 E) 25 225

12.



- A) 73 B) 88 C) 89 D) 92 E) 104

13.



- A) 12 B) 16 C) 20 D) 24 E) 28

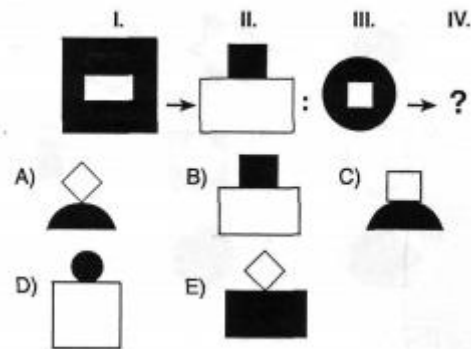
14.

+	a	b	c
a		24	
b			21
c	43		

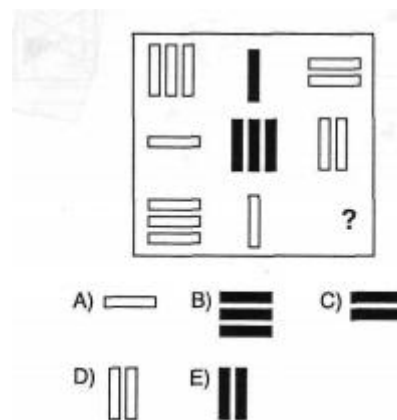
$\Rightarrow c = ?$

- A) 9 B) 10 C) 13 D) 16 E) 20

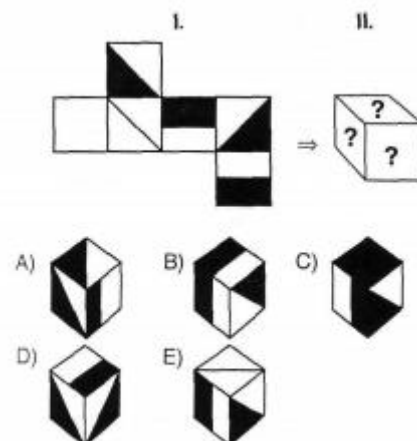
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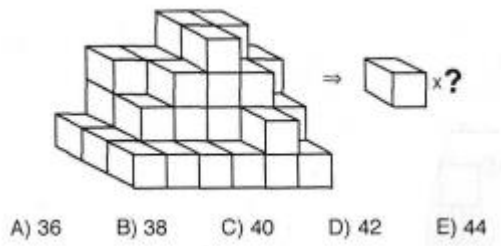
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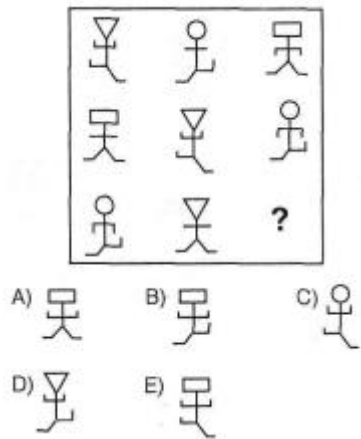
17.



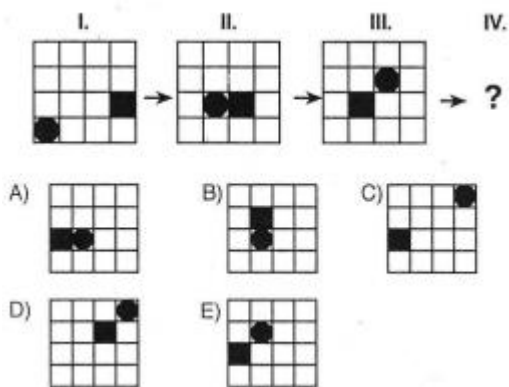
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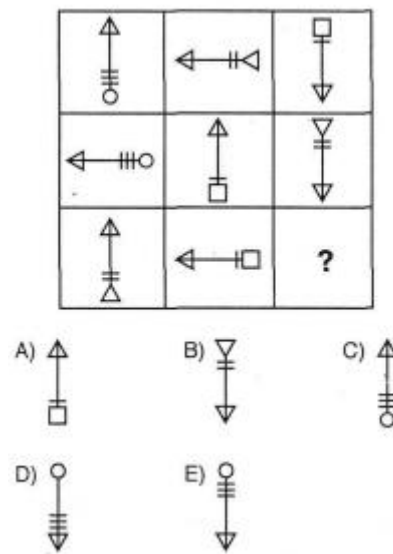
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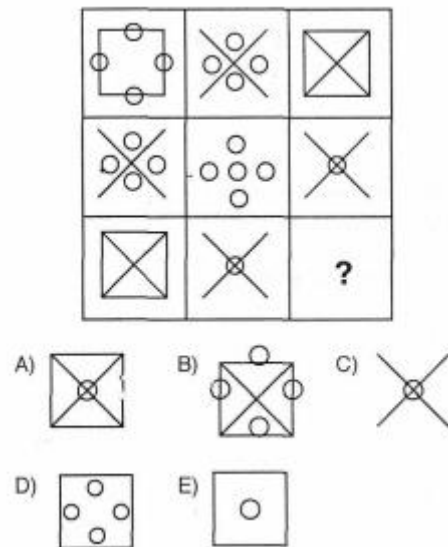
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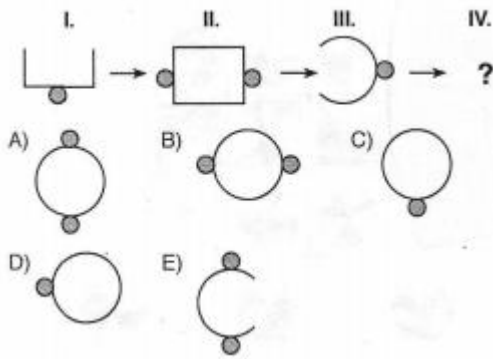
21.



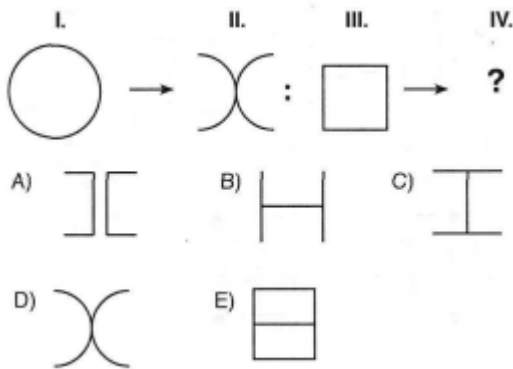
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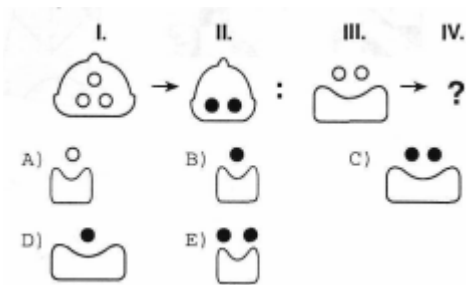
23.



24.



25.



Part 2 : Matematikë

26. $7823 - 153 = ?$

- A) 7670
- B) 6774
- C) 6483
- D) 7770

27. $4351 + 982 = ?$

- A) 5320
- B) 5333
- C) 1980
- D) 4567

28. $301 + 843 - 12 = ?$

- A) 1050
- B) 1614
- C) 1132
- D) 135

29. $453 - 123 + 100 = ?$

- A) 352
- B) 223
- C) 530
- D) 430

30. $843 + 143 + 230 = ?$

- A) 1216
- B) 1215
- C) 1450
- D) 1540

31. $? + 4351 = 6203$

- A) 1625
- B) 1003
- C) 1583
- D) 1852

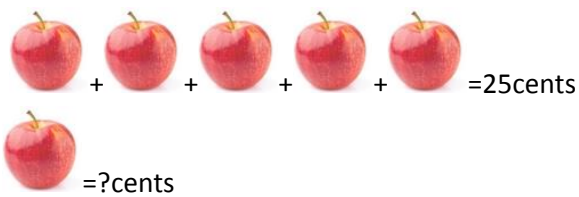
32. $? - 133 = 1803$

- A) 1561
- B) 1936
- C) 1963
- D) 1700

33. $5^2 + 1^4 = ?$

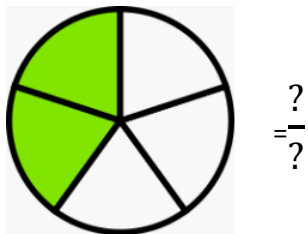
- A) 25
- B) 26
- C) 27
- D) 28

34.



- A) 5
- B) 2
- C) 3
- D) 4

35.



- A) $\frac{1}{3}$
- B) $\frac{4}{10}$
- C) $\frac{2}{3}$
- D) $\frac{3}{2}$

36. $532 \times 41 = ?$

- A) 51512
- B) 41212
- C) 21812
- D) 31814

37. $98 \times 72 = ?$

- A) 5817
- B) 4506
- C) 7056
- D) 1030

38. $? \times 5 \div 4 = 10$

- A) 8
- B) 7
- C) 6
- D) 5

39. $64 \div 8 = ?$

- A) 6
- B) 7
- C) 8
- D) 9

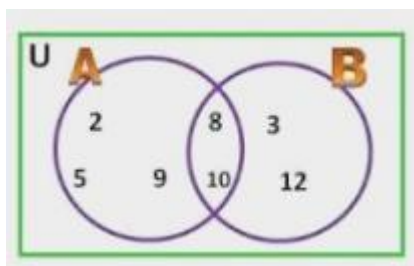
40. $10 \div 2 + 4 \times 5 = ?$

- A) 24
- B) 25
- C) 0
- D) 1

41. $\frac{5}{10} + \frac{4}{10} - \frac{1}{10} = ?$

- A) 1
- B) $\frac{7}{10}$
- C) 0
- D) $\frac{8}{10}$

42. $A \cap B = ?$



- A) { 2,5,9}
- B) {2,5,9,8,10,3,12}
- C) {8,10,3,12}
- D) {8,10}

43. $\frac{25}{4} = a \frac{b}{c}$

- A) $2 \frac{1}{5}$
- B) $3 \frac{1}{4}$
- C) $5 \frac{1}{4}$
- D) $6 \frac{1}{4}$

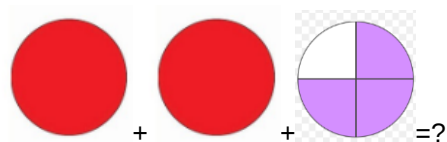
44. $2200 > \dots > 2020$

- A) 2300
- B) 2022
- C) 2222
- D) 2000

45. $\frac{1}{3} + \frac{2}{6} = ?$

- A) $\frac{3}{2}$
- B) $\frac{1}{3}$
- C) $\frac{2}{3}$
- D) $\frac{5}{6}$

46.



- A) $4 \frac{1}{6}$
- B) $3 \frac{2}{3}$
- C) $2 \frac{3}{4}$
- D) $3 \frac{1}{4}$

47. $5m - 1cm = ?$

- A) 4cm
- B) 4m
- C) 49cm
- D) 499cm

48. $6 - 5 + 11 = ?$

- A) 16
- B) 17
- C) 0
- D) 12

49. $9 \times ? = 144$

- A) 16
- B) 17
- C) 18
- D) 19

50. $100g + 1100g - 111g = ?kg \ ?g$

- A) 1kg 89g
- B) 1kg 90g
- C) 2kg 52g
- D) 3kg 11g