

Markhor Junior Contest 2023

Beginner Level (Class I & II) Mathematics

Time Allowed 60 Minutes

There are 19 problems, graded as follows:

Questions 1-5 are 1 point each,

Questions 6-10 are 2 points each,

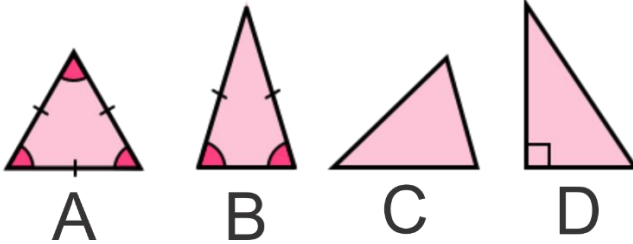
Questions 11-15 are 3 points each,

Questions 16-19 are 5 points each.

1. What is the sum of the digits of 245?
 - a) 10
 - b) 11**
 - c) 12
 - d) 13
2. If $5 \times 3 = 15$, what is 5×4 ?
 - a) 15
 - b) 20**
 - c) 25
 - d) 30
3. What shape has 4 right angles and 4 sides of equal length?
 - a) Square**
 - b) Rectangle
 - c) Triangle
 - d) Circle

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3. How many sides does a hexagon have?
- a) 4
 - b) 5
 - c) 6
 - d) 7
4. Complete the pattern: 2, 5, 8, 11, 14, _
- a) 15
 - b) 17
 - c) 18
 - d) 20
5. Which number comes next in the sequence: 1, 2, 4, 8, 16, _
- a) 32
 - b) 36
 - c) 40
 - d) 48
6. Which of the following shapes are triangles?



- a) A
- b) B
- c) C
- d) D

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7. Tania wants to solve $135 + 251$,
So she add $100 + 200 + 30 + 1$ to solve in her head. Chose the correct statement
- a) $100 + 200 + 30 + 1 = 135 + 251$
 - b) $100 + 200 + 30 + 1 > 135 + 251$
 - c) $100 + 200 + 30 + 1 < 135 + 251$
 - d) All above are correct
8. Sarah has 18 books, and Emily has 25 books.
How many books do they have in total?
- a) 40
 - b) 43
 - c) 45
 - d) 50
9. Liam is setting up for a backyard party. He inflates 25 green balloons, 16 orange balloons, 18 pink balloons, and 12 white balloons. How many balloons did Liam inflate in total?
- a) 60
 - b) 72
 - c) 71
 - d) 73
10. Compare using $110 + 152$ _____ 225
- a) $>$
 - b) $<$
 - c) $=$
 - d) All above are correct

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11. What is the missing digit in $2 \times 6 = \underline{\quad}$?

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

12. How many sides does a pentagon have?

- a) 4
- b) 5
- c) 6
- d) 7

13. Complete the pattern: 1, 2, 4, 8, 16, $\underline{\quad}$

- a) 32
- b) 36
- c) 40
- d) 48

14. The expanded form of 511,467

- a) $500,000 + 10,000 + 1,000 + 400 + 60 + 7$
- b) $500 + 10 + 1 + 400 + 60 + 7$
- c) $500,000 + 10,000 + 1,000 + 400 + 67$
- d) $500,000 + 11,000 + 400 + 67$

15. What is $(2 \times 1000) + (3 \times 10)$ written in standard notation?

- a) $2,000 + 30$
- b) 2,300
- c) 2,030
- d) 2,310

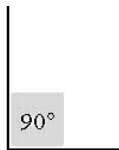
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16. $300,000 + 50,000 + 2,000 + 40 + 7 = \underline{\hspace{2cm}}$

- a) 35,247
- b) 352,047
- c) 305,247
- d) 3,524

17. What type of angle is shown?

- a) Acute
- b) Obtuse
- c) Right
- d) Straight



18. Angles are measured using a .

- a) Compass
- b) Protractor
- c) Ruler
- d) Prospector

19. Lines that meet or cross at a point...

- a) Perpendicular lines
- b) Parallel lines
- c) Intersecting lines
- d) Length