

Markhor Junior Contest 2020

Learner Level (Class III & IV) 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. Write all the factors of 24.

a) 1, 2, 3, 4, 6, 8, 12, 24

b) 1, 2, 3, 4, 5, 6, 8, 12, 24

c) 1, 2, 3, 4, 6, 8, 9, 12, 24

d) 1, 2, 3, 4, 6, 8, 12, 16, 24

2. Prime Factor of 48

a) 2×3

b) $2 \times 2 \times 2 \times 2 \times 3$

c) $2 \times 2 \times 2 \times 3$

d) $2 \times 2 \times 3$

3. 16 is a multiple of _____

a) 20

b) 4

c) 25

d) 3

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4. If the digit at its ones place is 0 or 5. A number is divisible by.
- a) 3
 - b) 4
 - c) 5
 - d) 6
5. A prime number is a natural number greater than 1 that has exactly two distinct factors: 1 and itself.
- a) Factor
 - b) Prime number
 - c) Composite number
 - d) Multiple
6. If the sum of its digits is divisible by 9. A number is divisible by _____.
- a) 8
 - b) 9
 - c) 10
 - d) 11

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7. The mixed number of $\frac{13}{4}$

a) $6\frac{1}{2}$

b) $3\frac{4}{3}$

c) $3\frac{1}{4}$

d) $2\frac{5}{4}$

8. How many 9th are there in $7\frac{1}{9}$

a) 1

b) 63

c) 64

d) 71

9. Work out the values of $\frac{2}{4}$ of 80 Kg.

a) 60 Kg

b) 40 Kg

c) 20 Kg

d) 80 Kg

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10. Write the product of $12 \times 1\frac{4}{8}$

- a) 18
- b) 12
- c) 16
- d) 25

11. Write the missing addends.

$$(412+382)+\underline{\hspace{2cm}} = 923$$

- a) 231
- b) 129
- c) 312
- d) 219

12. By how much is 59315 greater than 18315

- a) 51000
- b) 41000
- c) 59315
- d) 18315

13. Fill in the blanks with $>$, $<$ or $=$

$$80 \times 6 \underline{\hspace{2cm}} 520$$

- a) $=$
- b) $>$
- c) $<$
- d) None of these

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14. The reciprocal of $3\frac{4}{5}$

a) $\frac{19}{5}$

b) $\frac{5}{19}$

c) $\frac{19}{4}$

d) $\frac{4}{19}$

15. How many weeks and days are there is 20 day

a) 4 weeks

b) 2 weeks 6 days

c) 1 week 2 day

d) 6 weeks

16. There are _____ minutes in $6\frac{2}{3}$ hour.

a) 300 min

b) 400 min

c) 350 min

d) 450 min

17. Ink devils are _____ of each other

a) Mirror

b) Image

c) Line

d) Plane

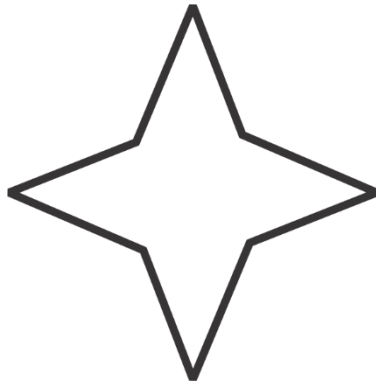
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18. How many symmetry of that alphabet **X**

- a) 1
- b) 2**
- c) 3
- d) 4

19. Discover the line(s) of reflection symmetry.

- a) 1
- b) 2
- c) 3
- d) 4**



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