



INDIAN SCHOOL SOHAR
TERM - II EXAM (2018-19)
SUBJECT: MATHEMATICS
CLASS – IV
SET –B

Date of Exam: 14.03.19

Time Allotted: 2 hours

Max. Marks: 40

(Note: This question paper consists of 2 printed pages. Please check that you have all the pages.)

I. Fill in the blanks.

($\frac{1}{2} \times 12 = 6$)

- a) A leap year has _____ days.
- b) 3 days 20 hours = _____ hours.
- c) The standard unit to measure mass is _____.
- d) The 6th multiple of 8 is _____.
- e) A _____ always passes through the centre of the circle.
- f) Fraction of M's there in the word 'MATHEMATICS' is _____.
- g) $\frac{2}{5} = \frac{\quad}{20}$
- h) _____ grams make three kilograms.
- i) _____ is a factor of every number.
- j) The perimeter of a square with side 4cm is _____.
- k) The length of the boundary of a closed figure is known as its _____.
- l) _____ of a circle = $2 \times$ radius.

II. Do as directed.

($1 \times 6 = 6$)

1. Convert.

- i) $\frac{87}{5}$ into mixed fraction.
- ii) $15\frac{3}{7}$ into improper fraction.

2. Draw symmetrical line(s) i)



ii)



3. Convert to the 12-hour format.

i) 16:20 hours

ii) 04:30 hours

4. Draw a factor tree of 100.

5. Convert i) 35kg 850g to g.

ii) 9488 m to km and m.

6. Convert to the 24-hour format. i) 6:50 p.m.

ii) 8:30 a.m.

III. Find the answers.

($1\frac{1}{2} \times 4 = 6$)

1. Identify the fractions.

a) $\frac{1}{8}, \frac{1}{3}, \frac{1}{7}, \frac{1}{2}, \frac{1}{9}$

b) $\frac{22}{13}, \frac{7}{13}, \frac{14}{13}, \frac{5}{13}, \frac{18}{13}$

c) $\frac{13}{7}, \frac{6}{15}, \frac{32}{13}, \frac{25}{17}, \frac{4}{9}$

2. Write.

i) Any two multiples of 13 that are 2 digits.

ii) Any two multiples of 15 that are less than 40. iii) 7th multiple of 15.

3. Draw a circle of radius 6cm. and name its centre, radius and diameter.

4. Draw a rectangle ABCD, write its opposite sides and diagonals.

IV. Solve.

($2 \times 6 = 12$)

1. a) Add 14km 260m; 6km 35m; and 9km 750m.

b) Subtract 16kg 350g from 54 kg 220 g.

2. a) Arrange in ascending order. $\frac{7}{35}, \frac{2}{35}, \frac{14}{35}, \frac{6}{35}$.

b) Arrange in descending order. $5\frac{3}{7}, 18\frac{2}{9}, 7\frac{2}{5}, 4\frac{1}{6}$.

3. Draw clocks to show the following timings.

i) Quarter to 4.

ii) Half past 3.

4. Find all factors of i) 49

ii) 26

5. Find the lowest common multiple of 8 and 12.

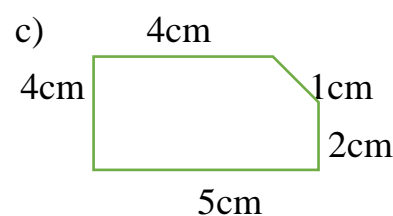
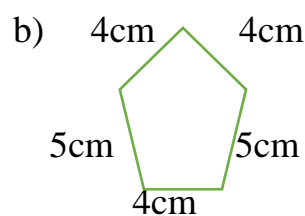
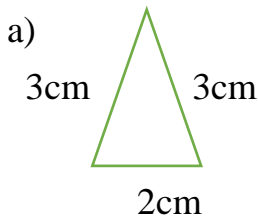
6. Find i) $12\frac{3}{7} - 5\frac{1}{7}$

ii) $2\frac{2}{15} + 3\frac{3}{15} + 2\frac{4}{15}$

V. Solve.

($3 \times 2 = 6$)

1. Find the perimeter of the following figures.



2. a) The perimeter of a square is 32 cm. Find the side of the square.

b) A rectangle has a length of 5cm, breadth 4cm. Find its perimeter.

VI. Word problems.

($4 \times 1 = 4$)

1. a) Raju weighs 38kg while his baby sister weighs 6kg 700g. How much heavier is Raju than his sister?

b) Radha walked $\frac{3}{17}$ km to school. She then walked $\frac{2}{17}$ km to the market, and $\frac{4}{17}$ km to the Gym.

What is total distance she walked?