



# Delhi Public School, Gwalior

(Under the Aegis of DPS Society, New Delhi)

Class – IV

Subject – Mathematics

Model Test Paper

Time- 2 Hr. 30 min.

Name \_\_\_\_\_ Sec. \_\_\_\_\_ Roll no \_\_\_\_\_ Date \_\_\_\_\_

## Instructions :

- \* Carefully read and answer all the questions.
- \* Answer them one by one, in the order given in your answer sheet.
- \* Do not spend too much time on any question and do your best.

## Section – I

### I Objective type questions.

A. Fill in the blanks.

1. There are \_\_\_\_\_ basic symbols in Roman Numbers.
2. The answer of multiplication is called \_\_\_\_\_.
3. When we add two numbers, the numbers to be added are called \_\_\_\_\_.
4. The value of digit depends on its \_\_\_\_\_ in the number.

B. Say whether the given statements are 'True' or 'False'.

1. A rectangle has six lines of symmetry. \_\_\_\_\_
2. A fraction with 1 as its numerator is called a unit fraction. \_\_\_\_\_
3. 2 is the only even prime number. \_\_\_\_\_
4. 1 kilometre = 10,000 m \_\_\_\_\_

C. Match the following.

- |    |                |                   |     |
|----|----------------|-------------------|-----|
| 1. | 855            | straight          | ( ) |
| 2. | $180^0$        | $7\frac{5}{6}$    | ( ) |
| 3. | A ray          | 8 m 55 cm.        | ( ) |
| 4. | $\frac{47}{6}$ | $\longrightarrow$ | ( ) |

D. Tick ( $\checkmark$ ) the correct option.

- The measure of a right angle.  
(a)  $90^0$                       (b)  $180^0$                       (c)  $360^0$                       (d)  $0^0$
- $0 \div 36$  is equal to –  
(a) 0                      (b) 36                      (c) 1                      (d) 6
- The number 1 more than 99989 is \_\_\_\_\_.  
(a) 99990                      (b) 09999                      (c) 19999                      (d) 99999
- The radius of a circle is \_\_\_\_\_ its diameter.  
(a) twice                      (b) thrice                      (c) half                      (d) none of these
- The Roman number for 80 is \_\_\_\_\_.  
(a) LXV                      (b) LXXV                      (c) LXXX                      (d) None of these
- The HCF of 8 and 18 is \_\_\_\_\_.  
(a) 1                      (b) 18                      (c) 2                      (d) None of these

### Section – II

#### II Mental Maths.

- Riya has to buy chairs in sets of 4. Which of the following numbers of chairs can Riya buy? Circle them.

10, 24, 30, 35, 40, 42, 52

2. Fill in the numerator to make a whole.

(a)  $\frac{\boxed{\phantom{000}}}{6}$

(b)  $\frac{\boxed{\phantom{000}}}{7}$

(c)  $\frac{\boxed{\phantom{000}}}{5}$

(d)  $\frac{\boxed{\phantom{000}}}{8}$

3. Convert.

(a)  $\frac{50}{8} =$  \_\_\_\_\_ (into mixed fraction)

(b)  $6\frac{5}{8} =$  \_\_\_\_\_ (into improper fraction)

### Section – III

**III Find the solution.**

1. Find the number that is 543 more than 8798.

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2. Find the product.

$$378 \times 32$$

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3. Reduce the following fractions to their lowest term.

(a)  $\frac{36}{81}$

(b)  $\frac{27}{36}$

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4. Convert each group of unlike decimals to like decimals.

(a) 8.1, 8.01, 8.001

(b) 6.4, 6.41

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5. Convert to Kilograms and grams.

(a) 3500 g

(b) 2079 g

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6. Find the difference.

6 hours      40 minutes  
– 1 hour      20 minutes

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7. Solve

(a) 10m 31 cm + 123 m 75 cm + 90 m 5 cm

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(b)  $3544 \div 27$

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8. Find the perimeter of a rectangle with sides 6 cm and 9 cm.

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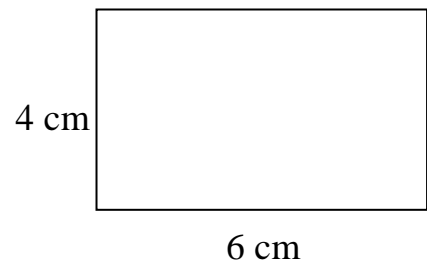
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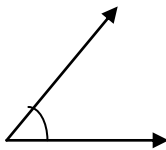
**Section – IV**

**IV Pictorial Questions.**

1. Find the area of the following shape in sq cm.



2. Measure the given angle with protractor. Then state what type of angle it is?



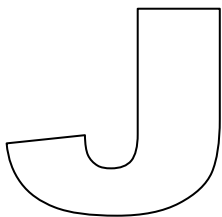
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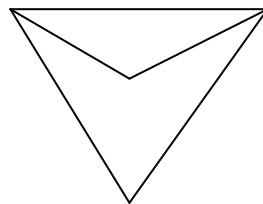
3. Write whether these shapes are symmetrical or not.

(a)



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(b)



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**Section – V**

**V Word problems.**

1. For a function 8,410 chairs are to be arranged equally in 12 rows. How many chairs will be left over?

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2. A man walked  $1\frac{3}{5}km$  and cycled  $3\frac{4}{5}km$ . What is the total distance covered by him?

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3. A racing car does 25 laps of 200m track. How many kilometers has it covered?

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4. A blackboard is 12 m in length and 8m in breadth. Find its perimeter and area.

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**Section – VI**

**VI Twisted Question.**

Solve and write the answer as Hindu Arabic.

XCIII – LXXV

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**Dear Ma'am / Sir,**

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|---|--|-----------------|
| * | <b>I have revised the answers at least once.</b>                               | <b>YES / NO</b> |
| * | <b>I have answered all the questions that I thought I would attempt later.</b> | <b>YES / NO</b> |
| * | <b>I have drawn all figures required.</b>                                      | <b>YES / NO</b> |
| * | <b>I have done my calculations and solved the problems perfectly.</b>          | <b>YES / NO</b> |
| * | <b>I have checked my desk area for exam material.</b>                          | <b>YES / NO</b> |

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**Student's Name**