THIRAN

(Targeted Help for Improving
Remediation & Academic Nurturing)

MATHEMATICS

WORKBOOK

6

2025-2026

DEPARTMENT OF SCHOOL EDUCATION
GOVERNMENT OF TAMIL NADU

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THE CONSTITUTION OF INDIA

PREAMBLE

WE, THE PEOPLE OF INDIA, having solemnly resolved to constitute India into a **SOVEREIGN SOCIALIST SECULAR DEMOCRATIC REPUBLIC** and to secure to all its citizens:

JUSTICE, social, economic and political;

LIBERTY of thought, expression, belief, faith and worship;

EQUALITY of status and of opportunity;

and to promote among them all

FRATERNITY assuring the diginity of the individual and the unity and integrity of the Nation;

IN OUR CONSTITUENT ASSEMBLY this twenty-sixth day of November, 1949, do **HEREBY ADOPT, ENACT AND GIVE TO OURSELVES THIS CONSTITUTION.**

Content

Fundamental Concepts

6

I Can... I Will...

15 ☆ Date:

14 ☆ Date:

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3 ☆ Date:

2 ☆ Date:

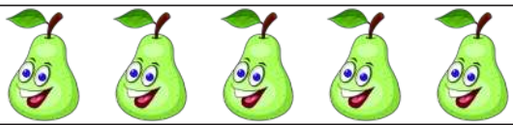
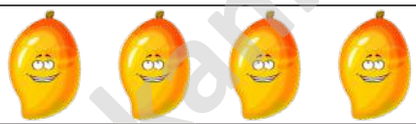
1 ☆ Date:

Note: Colour the stars ☆ after completing each module

Content

1 One, two digit numbers and place value

1.1 Count and write.

1.2 Answer the following.

1. The number of fingers in your one hand is _____

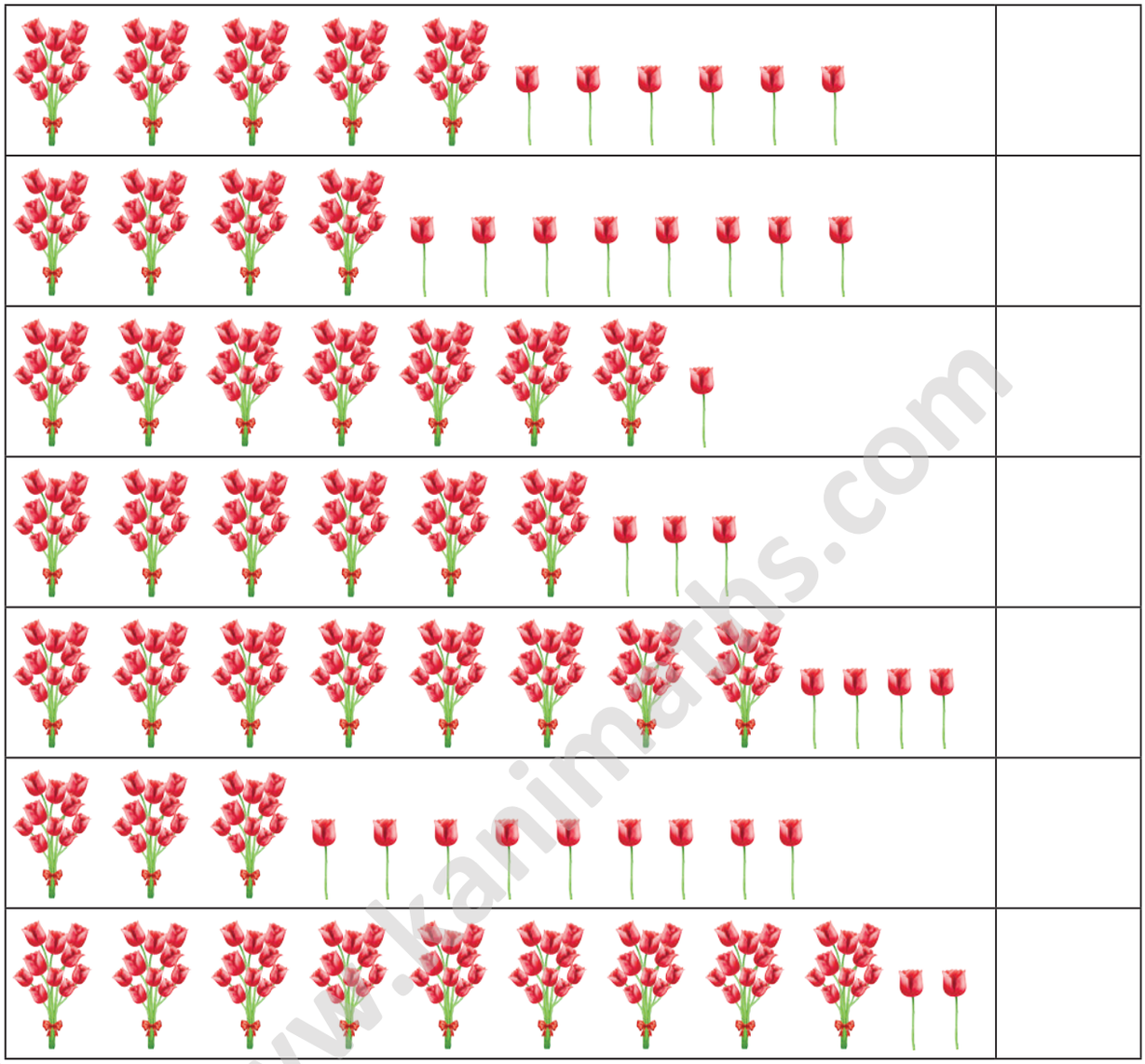
2. The number of members in your family is _____

3. The number of people that can sit in a car is _____

4. The number of wheels in a bus is _____

5. The number of days in a week is _____

1.3 Count and write.



1.4 Answer the following.

1. The number of students in your class is _____.

2. The age of your father is _____.

3. The number of people that can sit in a bus is _____.

4. The number of houses on your street is _____.

5. The number of days in a month is _____.

1.5 Count and write.

Fruits	How many		Number
	Tens	Ones	
			
			
			
			
			
			
			
			

1.6 Answer the following.

1. 43 = _____ Tens + _____ Ones.

2. _____ = 6 Tens + 7 Ones.

3. 80 = 8 Tens + _____ Ones.

4. _____ = 9 Tens + 4 Ones.

5. 59 = _____ Tens + 9 Ones.

2 Comparison of two digit numbers

2.1 Compare the numbers and put the appropriate symbol (>,<,=).

8 ☐ 1	12 ☐ 14	61 ☐ 16
9 ☐ 5	18 ☐ 20	59 ☐ 65
8 ☐ 4	45 ☐ 33	35 ☐ 53
2 ☐ 3	25 ☐ 52	64 ☐ 64
7 ☐ 9	36 ☐ 36	78 ☐ 67
2 ☐ 8	53 ☐ 50	70 ☐ 81
1 ☐ 1	11 ☐ 13	93 ☐ 39

2.2 Write the predecessor and successor of the given numbers.

☐ 28 ☐	☐ 35 ☐
☐ 43 ☐	☐ 57 ☐
☐ 86 ☐	☐ 92 ☐
☐ 69 ☐	☐ 74 ☐
☐ 80 ☐	☐ 99 ☐

2.3 Write the numbers in ascending and descending order.

2, 5, 7, 9, 6

Ascending order : _____

Descending order: _____

17, 13, 19, 14, 20

Ascending order : _____

Descending order: _____

88, 95, 55, 10, 42

Ascending order : _____

Descending order: _____

73, 82, 37, 99, 28

Ascending order : _____

Descending order: _____

2.4 Observe the digit in the ones place and write the odd numbers and even numbers.

84	41	8	33	87	18	9
79	14	66	21	6	30	
92	7	74	52	95	44	69

Odd numbers	Even numbers

3 Addition and subtraction of one, two digit numbers

3.1 Add the following.

4 + 3 =	6 + 2 =	3 + 3 =	5 + 3 =	4 + 4 =	2 + 7 =
4 + 5 =	6 + 2 =	7 + 3 =	8 + 4 =	7 + 0 =	9 + 8 =
6 + 6 =		7 + 4 =		6 + 8 =	
4 + 2 =		9 + 6 =		8 + 7 =	
8 + 8 =		9 + 5 =		7 + 9 =	

3.2 Add the following.

	T	O
+	1	5
	1	4

	T	O
+	1	7
	1	2

	T	O
+	2	6
	2	0

	T	O
+	2	3
	1	6

	T	O
+	3	4
	2	4

	T	O
+	2	7
	4	2

	T	O
+	3	1
	2	8

	T	O
+	4	5
	3	3

	T	O
+	4	2
	5	6

	T	O
+	6	3
	2	5

	T	O
+	3	4
	4	3

	T	O
+	4	5
	4	1

	T	O
+	5	6
	3	0

	T	O
+	5	4
	2	4

	T	O
+	8	1
	1	8

3.3 Add the following.

	T	O
	1	7
+	1	5

	T	O
	1	6
+	1	4

	T	O
	1	8
+	1	3

	T	O
	1	9
+	1	7

	T	O
	2	3
+	1	9

	T	O
	2	8
+	2	2

	T	O
	3	5
+	1	7

	T	O
	4	2
+	3	9

	T	O
	5	2
+	1	8

	T	O
	7	5
+	1	6

	T	O
	7	9
+	1	7

	T	O
	6	8
+	2	3

	T	O
	5	4
+	1	9

	T	O
	4	5
+	3	7

	T	O
	8	7
+		8

3.4 Subtract the following.

4 − 2 =	6 − 4 =	8 − 3 =	7 − 3 =	9 − 5 =	7 − 6 =
9 − 6 =	8 − 4 =	8 − 0 =	9 − 2 =	7 − 5 =	9 − 8 =
6 − 5 =		9 − 3 =		8 − 4 =	
8 − 6 =		5 − 1 =		7 − 3 =	
8 − 2 =		6 − 3 =		9 − 4 =	

3.5 Subtract the following.

	T	O
	2	6
-	1	4

	T	O
	2	9
-	1	7

	T	O
	3	5
-	2	0

	T	O
	3	8
-	2	1

	T	O
	4	3
-	1	2

	T	O
	4	8
-	3	2

	T	O
	5	1
-	3	1

	T	O
	6	9
-	4	6

	T	O
	5	6
-	2	2

	T	O
	3	7
-	3	1

	T	O
	4	5
-	2	3

	T	O
	5	6
-	4	0

	T	O
	7	2
-	4	1

	T	O
	8	7
-	4	3

	T	O
	9	4
-	5	2

3.6 Subtract the following.

	T	O
	2	1
-		8

	T	O
	2	5
-	1	7

	T	O
	3	6
-	2	9

	T	O
	8	2
-	5	6

	T	O
	4	3
-	2	5

	T	O
	3	1
-	1	4

	T	O
	4	4
-	2	9

	T	O
	6	3
-	1	8

	T	O
	7	0
-	3	2

	T	O
	8	8
-	6	9

	T	O
	7	7
-	2	9

	T	O
	9	6
-	2	8

	T	O
	6	1
-	2	5

	T	O
	5	6
-	3	9

	T	O
	9	5
-	5	8

4 Addition and subtraction of three digit numbers

4.1 Count the boxes and write.

4.2 Add the following.

	H	T	O
	2	3	3
+	1	2	5

	H	T	O
	3	5	4
+	2	2	4

	H	T	O
	5	8	1
+	3	0	0

	H	T	O
	7	2	1
+	2	6	5

	H	T	O
	4	2	7
+	2	3	2

	H	T	O
	6	5	1
+	3	4	0

	H	T	O
	7	9	3
+	2	0	5

	H	T	O
	8	2	6
+	1	7	3

4.3 Add the following.

	H	T	O
	3	4	6
+	2	9	7

	H	T	O
	4	2	8
+	2	5	9

	H	T	O
	5	2	4
+	3	7	6

	H	T	O
	6	5	7
+	2	4	5

	H	T	O
	4	3	5
+	3	7	7

	H	T	O
	5	7	9
+	3	6	6

	H	T	O
	7	1	8
+	2	3	9

	H	T	O
	3	9	9
+	2	9	9

	H	T	O
	4	3	6
+	3	8	9

	H	T	O
	4	3	7
+	1	7	6

	H	T	O
	5	4	9
+	4	1	5

	H	T	O
	6	2	8
+	3	5	7

	H	T	O
	7	2	2
+	2	3	8

	H	T	O
	1	9	8
+	6	9	8

	H	T	O
	6	5	5
+	2	4	5

	H	T	O
	8	2	9
+	1	6	9

4.4 Subtract the following.

	H	T	O
	2	7	5
-	1	5	1

	H	T	O
	2	9	2
-	1	1	0

	H	T	O
	3	2	1
-	1	0	0

	H	T	O
	4	7	8
-	2	3	6

	H	T	O
	5	4	4
-	3	2	2

	H	T	O
	7	9	1
-	5	4	1

	H	T	O
	8	9	8
-	5	5	5

	H	T	O
	9	8	4
-	5	1	2

4.5 Subtract the following.

	H	T	O
	3	7	6
-	2	8	8

	H	T	O
	4	3	0
-	2	5	5

	H	T	O
	4	8	2
-	3	9	3

	H	T	O
	4	3	6
-	2	7	9

	H	T	O
	5	2	1
-	3	8	5

	H	T	O
	6	4	2
-	4	7	6

	H	T	O
	8	0	0
-	5	7	7

	H	T	O
	9	6	8
-	6	8	9

	H	T	O
	4	6	5
-	2	7	9

	H	T	O
	6	2	1
-	3	4	2

	H	T	O
	8	7	3
-	2	5	7

	H	T	O
	9	3	2
-	5	4	5

	H	T	O
	5	1	0
-	4	5	9

	H	T	O
	8	0	5
-	6	3	8

	H	T	O
	9	0	0
-	7	5	8

	H	T	O
	9	4	7
-	6	9	9

5 Multiplication

5.1 Multiply.

$5 \times 3 =$ ☐ $9 \times 2 =$ ☐ $5 \times 4 =$ ☐ $8 \times 5 =$ ☐

$8 \times 7 =$ ☐ $7 \times 6 =$ ☐ $6 \times 8 =$ ☐ $5 \times 9 =$ ☐

5.2 Fill in the boxes.

$7 \times$ ☐ $= 14$ $8 \times$ ☐ $= 32$ $6 \times$ ☐ $= 18$ $5 \times$ ☐ $= 25$

☐ $\times 6 = 42$ ☐ $\times 8 = 72$ ☐ $\times 7 = 42$ ☐ $\times 9 = 81$

5.3 Multiply.

72×4	35×3	47×5	84×2
25×15	83×12	26×24	43×18

6 Square numbers

Answer the following questions.

1. Circle the square numbers:

   15, 36, 48, 64, 80

2. The square of 7 is _____.

3. 64 is the square of _____

4. Check whether 81 is a perfect square number.

1. Circle the square numbers:

   9, 35, 121, 84, 100

2. The square of 9 is _____.

3. 144 is the square of _____

4. Check whether 36 is a perfect square number.

1. Circle the square numbers:

   4, 26, 81, 111, 225

2. The square of 10 is _____.

3. 169 is the square of _____

4. Check whether 196 is a perfect square number.

7 Least Common Multiple (LCM)

Answer the following questions.

1. The multiples of 5 are _____, _____, _____, _____, _____.

2. The common multiples of 2 and 3 are _____, _____,_____.

3. LCM of 4 and 5 is _____

1. The multiples of 8 are_____, _____, _____, _____, _____.

2. The common multiples of 4 and 7 are _____, _____,_____.

3. LCM of 5 and 8 is _____

1. The multiples of 9 are _____, _____, _____, _____, _____.

2. The common multiples of 7 and 8 are _____, _____,_____.

3. LCM of 8 and 11 is _____

8 Division and Highest Common Factor (HCF)

Answer the following questions.

Find the quotient and remainder: 32 ÷ 4	Find the quotient and remainder: 45 ÷ 3	Find the quotient and remainder: 28 ÷ 2	Find the quotient and remainder: 75 ÷ 5
Find the quotient and remainder: 140 ÷ 6	Find the quotient and remainder: 175 ÷ 8	Find the quotient and remainder: 179 ÷ 7	Find the quotient and remainder: 183 ÷ 9

1. The factors of 20 are _____
2. The factors of 36 are _____
3. The HCF of 15, 25 is _____
4. The HCF of 5, 9 is _____

9 Prime and composite numbers

Answer the following questions.

1. Circle the prime numbers:

   27, 23, 34, 41, 53

2. Circle the composite numbers:

   33, 46, 59, 64, 71

3. Is 1 a prime or composite?

1. Circle the prime numbers:

   29, 38, 53, 82, 97

2. Write the prime numbers between 20 and 30.

   _____

3. Are all even numbers prime?

1. Write the prime numbers between 75 and 85.

   _____

2. Circle the composite numbers:

   24, 19, 94, 83, 56

3. Can two consecutive numbers be prime?

10 Divisibility

Answer the following questions.

1. Circle the numbers that are divisible by 2:

   24, 35, 48, 41, 60

2. Circle the numbers that are divisible by 3:

   33, 46, 57, 64, 75

3. The number 381 is divisible by _____.

1. Circle the numbers that are divisible by 2 and 4:

   10, 20, 30, 40, 50

2. Circle the numbers that are divisible by 3 and 6:

   30, 33, 36, 39, 42

3. The number 963 is divisible by _____ and _____

1. Circle the numbers that are divisible by 5 and 10:

   25, 30, 35, 40, 45

2. Circle the numbers that are divisible by 9 and 11:

   90, 99, 108, 198, 207

3. The number 105 is divisible by _____ and _____

11 Number system

Answer the following questions.

1. The smallest number of whole numbers is _____.

2. 18 + 0 = _____.

3. 0 × 26 = _____.

1. All natural numbers except _____ have a predecessor.

2. The numbers to the left of 0 are _____ integers.

3. Circle the negative integers.

7, 0, -3, 4, 7, -2.

1. 0 is the predecessor of _____

2. The product of two whole numbers is a _____ number.

3. 0 is less than every _____ integer.

12 Operations on integers

Answer the following questions.

Circle the positive integers.

1) 6, 0, -2, -7, -4, 8

2) -16, -17, -18, 19, 20, 21

3) 10, -20, 30, -40, 50, -60

Circle the negative numbers.

1) 6, -2, -7, 4, 8, -9

2) -12, -16, -18, 19 -20, 24

3) -10, 30, -50, 70, -90, 110

Observe the following pattern and fill in the boxes.

4 + 2 = 6

☐ + 2 = 5

2 + 2 = 4

☐ + 2 = 3

0 + 2 = 2

–1 + 2 = 1

☐ + 2 = 0

–3 + 2 = -1

☐ + 2 = -2

13 Fractions

Answer the following questions.

1. Fraction represented by the shaded portions in the picture  is _____.

2. In $\frac{5}{7}$ _____ is numerator and _____ is denominator.

3. If the numerator is smaller than the denominator, then it is called as a _____. fraction.

1. Fraction represented by the unshaded portion in the picture  is _____.

2. If the numerator is greater than the denominator, then it is called as a _____. fraction.

3. $1\frac{1}{4}$ is a _____ fraction.

1. Circle the proper fractions. $\frac{1}{5}, \frac{3}{2}, \frac{4}{7}, \frac{7}{5}, \frac{3}{8}$

2. Circle the improper fractions. $\frac{2}{7}, \frac{6}{5}, \frac{5}{3}, \frac{1}{4}, \frac{8}{5}$

3. Write a proper and an improper fraction with denominator 7.

_____

14 Addition and subtraction of fractions

Answer the following questions.

$\frac{3}{7} + \frac{2}{7} = ?$

$\frac{3}{5} + \frac{4}{5} = ?$

$\frac{1}{3} + \frac{2}{3} = ?$

$\frac{3}{11} + \frac{7}{11} = ?$

$\frac{3}{5} - \frac{1}{5} = ?$

$\frac{5}{9} - \frac{4}{9} = ?$

$\frac{3}{7} - \frac{1}{7} = ?$

$\frac{8}{15} - \frac{4}{15} = ?$

15 Decimal numbers

Answer the following questions.

1. The decimal form of $\frac{12}{10}$ is _____.

2. The decimal form of $\frac{25}{10}$ is _____.

3. The decimal form of $\frac{54}{10}$ is _____.

1. The decimal form of $\frac{148}{100}$ is _____.

2. The decimal form of $\frac{357}{100}$ is _____.

3. The decimal form of $\frac{650}{100}$ is _____.

1. The decimal form of $\frac{1375}{1000}$ is _____.

2. The decimal form of $\frac{1430}{1000}$ is _____.

3. The decimal form of $\frac{965}{1000}$ is _____.

I can do

Choose the correct answer. **Marks : 10 × 1 = 10**

1) Which is the biggest three digit number?

a) 999 b) 900 c) 100 d) 101

2) 485 + 237 = ?

a) 622 b) 722 c) 612 d) 712

3) 937 – 689 = ?

a) 248 b) 348 c) 448 d) 498

4) 48 × 15 = ?

a) 620 b) 820 c) 720 d) 7120

5) LCM of 8 and 9 is _____

a) 72 b) 89 c) 16 d) 1

6) 135 ÷ 9 = ?

a) 12 b) 13 c) 14 d) 15

7) The number 117 is divisible by _____

a) 5 b) 7 c) 3 d) 2

8) 15 × 7 = _____

a) 105 b) 115 c) 22 d) 112

9) $\frac{5}{7} - \frac{3}{7} = ?$

a) $\frac{3}{7}$ b) $\frac{2}{7}$ c) $\frac{1}{7}$ d) $\frac{4}{7}$

10) The decimal form of $\frac{107}{10}$ is _____

a) 10.7 b) 1.07 c) 0.17 d) 0.017

NOTE

Grade Level Concepts

6

I Can... I Will...

20 ☆ Date:

19 ☆ Date:

18 ☆ Date:

17 ☆ Date:

16 ☆ Date:

15 ☆ Date:

14 ☆ Date:

13 ☆ Date:

12 ☆ Date:

11 ☆ Date:

10 ☆ Date:

9 ☆ Date:

8 ☆ Date:

7 ☆ Date:

6 ☆ Date:

5 ☆ Date:

4 ☆ Date:

3 ☆ Date:

2 ☆ Date:

1 ☆ Date:

Note: Colour the stars ☆ after completing each module

Content

1 Geometric properties

Answer the following questions.

1. Which alphabet has only one line of symmetry?

   a) C b) O c) H d) X

2. Which alphabet has many symmetrical lines?

   a) C b) P c) O d) T

1. How many lines of symmetry does the letter H have?

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

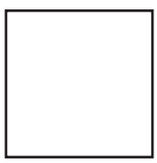
2. How many lines of symmetry does a square have?

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

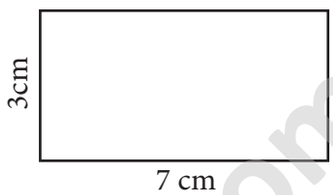
2 Perimeter, area and angles

Answer the following questions.

1. Perimeter of the square _____.



2. Area of the rectangle _____.



1. If an angle is 45°, then it is _____ angle.

   a) straight b) obtuse c) right d) acute

2. If an angle is 90°, then it is _____ angle.

   a) straight b) obtuse c) right d) acute

3 Numbers, number name and place value

Answer the following questions.

1. Fill in the blanks in the following table.

Number	Number name	Expanded form
8354		
		10000 + 2000 + 700 + 90

2. Write the place value for the underlined digit.

54$\underline{3}$67 =

6$\underline{7}$850 =

1. Place the commas (according to place value) for the following:

55438 18810 9544 100000

2. Write the number name of the given numbers:

8599 _____

17384 _____

100000 _____

4 Numbers - Addition

Answer the following questions.

1. If 4320 men and 4514 women were attended a temple festival then find the total number of people attended the festival.

2. In a poultry, if there were 4256 chickens in the first unit and 3748 chickens in the second unit, then find the total number of chickens in the poultry.

1. If a book store sold 2453 books on the first day and 3289 books on the second day then how many books were sold in two days?

2. If Kumar stocked 2647 mangoes and 1375 oranges for sale in his fruit shop then find the total number of fruits in the shop?

5 Numbers - Subtraction

Answer the following questions.

1. The total population of a town is 6756. If the number of males is 3634, then find the number of females.

2. If Mani peeled 2354 coconuts out of 4550 coconuts in his coconut grove, then find the unpeeled coconuts by him.

1. In a day 7568 male and 5595 female passengers arrived at railway station. How many more men arrived there than the women?

2. There are 3000 sarees in a clothing store. Out of it 975 sarees are unsold. Find the number of sarees sold?

6 Numbers - Multiplication

Answer the following questions.

1. Multiply the following using Napier method

a) 47×5

b) 710×23

2. In a boy's hostel there are 438 boys. If 50 gram boiled black toad were given to each student, then how much total boiled black toad should be prepared?

1. If 10 laddus can be placed in a plate, then how many laddus can be placed in 549 plates?

2. If 14 saplings are planted per row, then how many saplings can be planted in 98 rows?

7 Numbers- Division

Answer the following questions.

1. A tailor has 1687 buttons. If he stitches 7 buttons per shirt, then how many shirts can be used to stitch all the buttons?

2. In a hostel, 475 idlies were prepared. If 5 idlies per student were given then, how many students can be benefitted?

1. In the flower garland, there are 2736 jasmine flowers. If a rose flower is garlanded after every 4 jasmine flowers, then how many roses will be in the flower garland?

2. If a person plant one sapling for every 4th day, then how many saplings will be planted in 4276 days?

8 Numbers - Factors

Answer the following questions.

1. Circle the factors of 15.

   10, 3, 7, 5, 2

2. Find the factors for 30 which are between 11 and 20.

1. Find the factors of 48

2. Find the common factors for 18 and 32.

9 Measurements – Conversion of higher unit into lower unit (length)

Answer the following questions.

1. 400 cm = _____ m.

2. 760 cm = _____ m. _____ cm.

1. 500 m = _____ km.

2. 48 m = _____ cm.

10 Measurements – Addition and subtraction (length)

Answer the following questions.

1. Add : 8 km 10 m + 1 km 12 m

2. Add : 18 km 40 m + 20 km 30 m

1. Subtract : 29 km 60 m – 19 km 50 m

2. Subtract : 9 km 10 m – 7 km 10 m

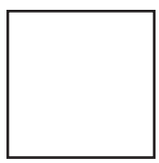
I can do

Choose the correct answer. **Marks : 10 × 1 = 10**

1. Which alphabet has many lines of symmetry?

   a) C b) P c) O d) T

2. Perimeter of a square is _____ .



   a) 4 cm b) 8 cm c) 2 cm d) 6 cm

3. If an angle is 110°, then it is _____ angle.

   a) straight b) obtuse c) right d) acute

4. What is the place value of 5 in 58,326?

   a) 5 b) 500 c) 5,000 d) 50,000

5. Which of the following is the identity element of addition?

   a) 0 b) 1 c) –1 d) 10

6. The product of 87 × 0

   a) 87 b) 870 c) 0 d) 1

7. The number of factors of 10 is

   a) 2 b) 4 c) 6 d) 8

8. 1500 g = _____

   a) 1.5 kg b) 15 kg c) 0.15 kg d) 150 kg

9. 2.35 m + 1.5 m = _____

   a) 3.85 m b) 3.75 m c) 4.85 m d) 2.85 m

10. 300 cm = _____ m

    a) 3 b) 0.3 c) 30 d) 3000

11 Measurements - Conversion of higher unit into lower unit (Weight)

Answer the following questions.

Convert the following

a. 40 kg = _____ g.

b. 7900 kg = _____ kg._____ g.

Convert the following

a. 84 kg = _____ g.

b. 8000 g = _____ kg.

12 Measurements - Addition and subtraction (Weight)

Answer the following questions.

1. Add: 1 kg 100 g + 5 kg 200 g

2. If the weight of one bag is 5 kg 200 g and the weight of another bag is 8 kg 800 g then find the total weight of two bags.

1. Subtract: 8 kg 100 g – 1 kg 100 g

2. 25kg 200g cement was brought for the construction of a school building. If 19 kg 350 g of cement was used, then find the amount of cement remaining.

13 Measurements - Conversion of higher unit into lower unit (Capacity)

Answer the following questions.

Convert the following

a. 20 *l* = _____ *ml.*

b. 36 *l* = _____ *ml.*

Convert the following

a. 44 *l* = _____ *ml.*

b. 6000 *ml* = _____ *l*

14 Measurements - Addition and subtraction (Capacity)

Answer the following questions.

1. Add: 62 *l* 210 *ml* + 21 *l* 320 *ml*

2. If one bucket contains 5 *l* 650 *ml* of water and the other bucket contains 3 *l* 560 *ml* of water, what is the total amount of water in the two buckets?

1. Subtract: 58 *l* 650 *ml* – 32 *l* 450 *ml*

2. The tank with a capacity of 45 *l* 300 *ml* contains 15 *l* 750 *ml* of water. Find the amount of water that needs to fill the tank.

15 Time

Answer the following questions.

1. What does 2 hours mean?

   a) 5 minutes

   b) 120 minutes

   c) 60 minutes

   d) 1 minute

2. The time taken by the small hand (hour hand) to move from 1 to 2 is

   a) 5 minutes

   b) 120 minutes

   c) 60 minutes

   d) 1 minute

1. 6 hours 45 minutes – 2 hours 30 minutes = _____ .

2. If Karthick wakes daily in the morning by 5:30 am, walks for 45 minutes and do 30 minutes breathing exercise, when will he complete the two exercises?

16 Algebra

Answer the following questions.

1. Fill the appropriate numbers in the box:

a) $\square + 2 = 7$

b) $10 - \square = 7$

c) $14 \div \square = 7$

2. Fill the appropriate symbols (<, > and =) in the box:

a) $3 + 5 \square 4 - 2$

b) $5 \div 1 \square 3 + 2$

c) $8 \times 2 \square 8 + 7$

1. Match the following

a) $12 + 2$	-	11
b) $14 \div 2$	-	10×2
c) $8 + 3$	-	14
d) 20	-	$20 \div 4$
e) 5	-	7

17 Fractions

Answer the following questions.

1. Find the numerator and the denominator of the fraction of the shaded part of the image given below.

2. Find the numerator and the denominator of the fraction of the shaded part of the image given below.

1. Which is the improper fraction?

a) $\frac{3}{9}$ b) $\frac{2}{5}$ c) $\frac{8}{7}$ d) $5\frac{1}{2}$

2. Which is the mixed fraction?

a) $\frac{3}{9}$ b) $\frac{12}{5}$ c) $3\frac{1}{4}$ d) $\frac{7}{8}$

18 Pattern

Answer the following questions.

1. How many square numbers are between 3 and 100?

2. Check whether 56 is a square number using dots.

1. Write the triangular numbers up to 50.

2. Is 45 a triangular number? Prove it by diagram.

19 Money

Answer the following questions.

Convert into denominations:

₹ 560	=	₹	+	₹	+	₹	
₹ 720	=	₹	+	₹	+	₹	
₹ 350	=	₹	+	₹	+	₹	

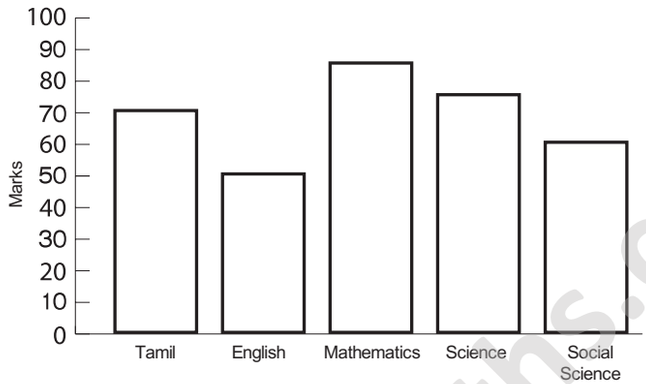
Match the money values:

₹50	–	₹196 + ₹250 + ₹350
₹796	–	₹123 + ₹33 + ₹17
₹173	–	₹32 + ₹16 + ₹2
₹495	–	₹516 + ₹384 + ₹70
₹972	–	₹350 + ₹90 + ₹55

20 Information processing

Answer the following questions.

The marks obtained by Rani are given in the bar diagram as below. Observe it and answer the following questions.



i. What is the marks obtained in Tamil subject?

a) 60 b) 80 c) 70 d) 50

ii. In which subject she got the highest marks?

a) Tamil b) Mathematics c) English d) Science

The details of 40 people who drank tea, coffee and milk at a tea shop in a day are given in the pie chart below. Observe it and answer the following questions.

i. How many people drank coffee?

a) 40 b) 20 c) 30 d) 10

ii. How many people drank milk?

a) 40 b) 20 c) 30 d) 10

I can do

Choose the correct answer. **Marks : 10 × 1 = 10**

1. How many minutes are there on the clock from 12 to 6?

   a) 6 minutes b) 10 minutes c) 60 minutes d) 30 minute

2. Which of the following is a mixed fraction?

   a) $\frac{2}{3}$ b) $\frac{1}{3}$ c) $5\frac{3}{4}$ d) $\frac{4}{3}$

3. $2\frac{21}{28}$ is _____ fraction.

   a) proper b) equivalent c) mixed d) improper

4. $56 \times 100 =$ _____

   a) 56 b) 560 c) 5600 d) 0

5. 2 kg = _____ g

   a) 200 b) 2000 c) 20 d) 0.2

6. 2.5 kg – 0.8 kg = _____

   a) 1.7 kg b) 2.3 kg c) 1.5 kg d) 1.6 kg

7. 500 *ml* = _____

   a) 0.5 *l* b) 5 *l* c) 0.05 *l* d) 50 *l*

8. How many hours are there in 3 days?

   a) 24 b) 36 c) 48 d) 72

9. Which of the following is an improper fraction?

   a) $\frac{1}{2}$ b) $\frac{2}{5}$ c) $\frac{5}{3}$ d) $\frac{3}{4}$

10. Find the next number in the following series:

    2, 4, 8, 16, ___

    a) 18 b) 20 c) 32 d) 24

NOTE

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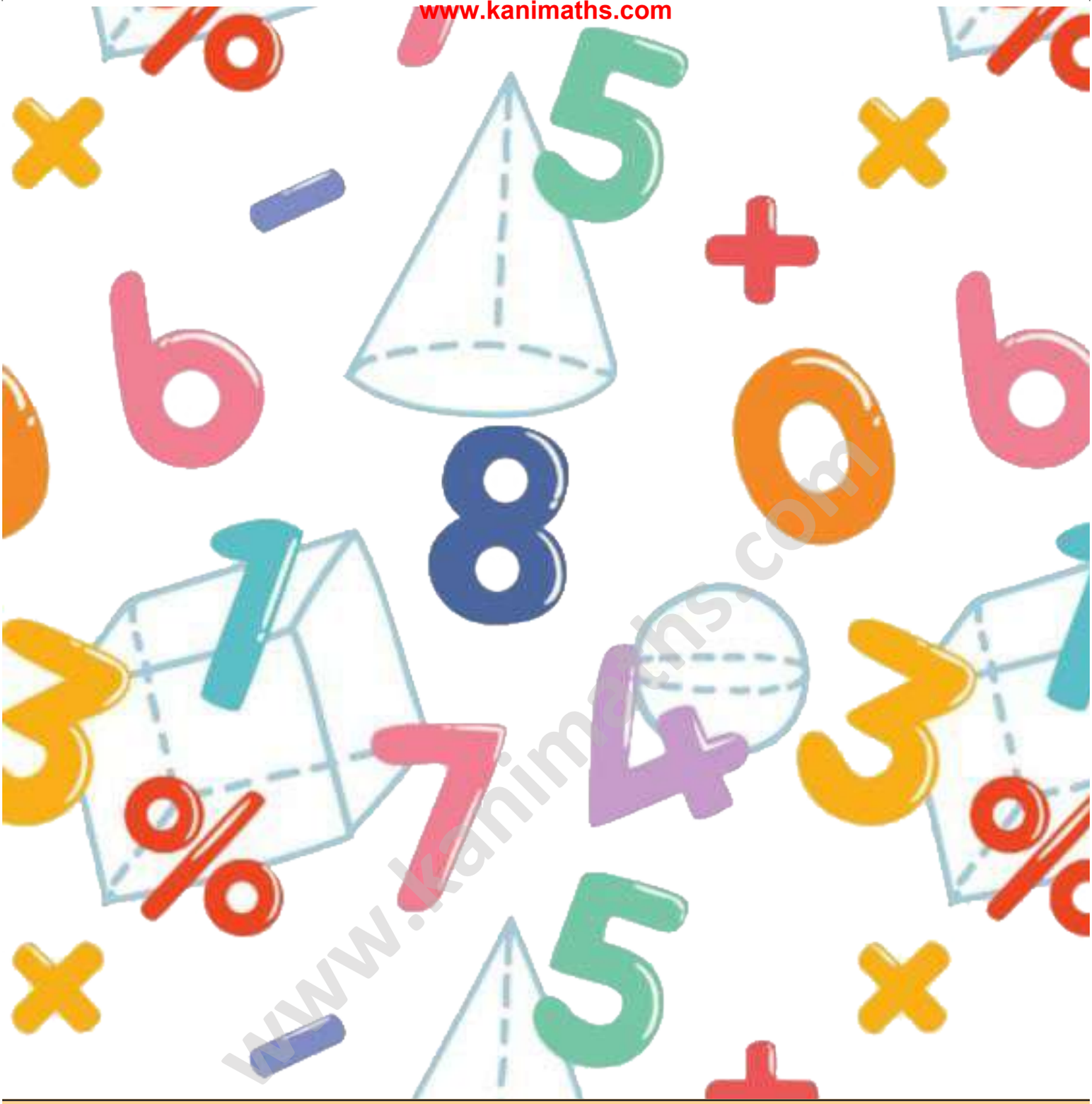

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If you are forced into
Child Marriage or Child Labour,
If you are Emotionally,
Physically, Sexually
Harassed or Abused,

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Caller details will be kept confidential

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If you need guidance for
Examinations or Higher Education
Dial 14417

14417 Education Information Centre

Caller details will be kept confidential