

Foundational Stage



In Accordance with
NCF 2023

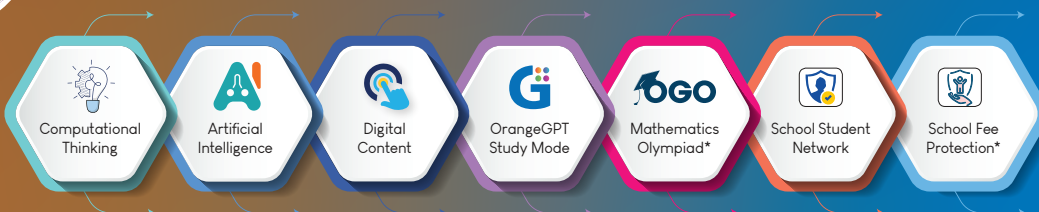
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MATH GENIUS

Think Smart, Solve Fast

Ver. 2.0 >

ANSWER KEY



Experience the Joy of Learning Mathematical Skills



ANSWERS

Chapter 1. Large Numbers

LET'S RECALL

- (a) Four thousand three hundred seventy-nine
(b) Eight thousand nine hundred
(c) Seven thousand one hundred fifty-nine
(d) Nine thousand nine hundred ninety-nine
- (a) 3720 (b) 5862 (c) 8088 (d) 5009
- (a) 300 (b) 0 (c) 6688 (d) 6,67,4 (e) 6236

Practice Time 1A

- | | Lakhs (L)
(100000) | Ten Thousand
(TTh) (10000) | Thousands
(Th) (1000) | Hundreds
(H) (100) | Tens
(T) (10) | Ones (O)
(1) |
|-----|-----------------------|-------------------------------|--------------------------|-----------------------|------------------|-----------------|
| (a) | | 3 | 7 | 0 | 3 | 6 |
| (b) | | 4 | 3 | 6 | 4 | 5 |
| (c) | 3 | 8 | 6 | 4 | 4 | 9 |
| (d) | 6 | 4 | 0 | 3 | 9 | 6 |
- (a) 36413 (b) 43098 (c) 490223 (d) 704089
- (a) 32,064; Thirty-two thousand sixty-four
(b) 36,379; Thirty-six thousand three hundred seventy-nine
(c) 94,008; Ninety-four thousand eight
(d) 27,114; Twenty-seven thousand one hundred fourteen
(e) 4,13,066; Four lakh thirteen thousand sixty-six
(f) 7,36,395; Seven lakh thirty-six thousand three hundred ninety-five
(g) 4,49,078; Four lakh forty-nine thousand seventy-eight
(h) 2,57,141; Two lakh fifty-seven thousand one hundred forty-one
- (a) 52,483; Fifty-two thousand four hundred eighty-three
(b) 60,135; Sixty thousand one hundred thirty-five
(c) 5,42,638; Five lakh forty-two thousand six hundred thirty-eight
- (a) 56,202; 56,203; 56,204; 56,205; 56,206; 56,207; 56,208; 56,209; 56,210; 56,211; 56,212; 56,213; 56,214; 56,215; 56,216; 56,217; 56,218
(b) 44,445; 44,446; 44,447; 44,448; 44,449; 44,450; 44,451; 44,452; 44,453; 44,454; 44,455; 44,456; 44,457; 44,458; 44,459
(c) 29,057; 29,058; 29,059; 29,060; 29,061; 29,062; 29,063; 29,064
(d) 53,496; 53,497; 53,498; 53,499; 53,500; 53,501; 53,502; 53,503; 53,504; 53,505; 53,506; 53,507; 53,508; 53,509
- (b), (d)

Challenge Question (Page 16)

99999

Think Tank (Page 16)

- 1,00,000
- 6

Practice Time 1B

- (a) 900 (b) 70,000 (c) 7000 (d) 0 (e) 4,00,000 (f) 0
- (a) $47,889 = 40,000 + 7000 + 800 + 80 + 9$
(b) $80,791 = 80,000 + 700 + 90 + 1$
(c) $5,78,914 = 5,00,000 + 70,000 + 8000 + 900 + 10 + 4$
(d) $8,00,450 = 8,00,000 + 400 + 50$
- (a) 3,08,960 (b) 1,43,629 (c) 8,75,402
- (a) 34,363, 34,365 (b) 73,647, 73,649 (c) 1,11,42, 11,144
(d) 8,40,067, 8,40,069 (e) 1,54,835, 1,54,837
(f) 1,99,998, 2,00,000
- (a) 60,006 (b) 39,996

Challenge Question (Page 18)

False

Practice Time 1C

- (a) < (b) < (c) > (d) <
- (a) Greatest no.: 87,856 Smallest no.: 38,857
(b) Greatest no.: 4,88,332 Smallest no.: 45,657
(c) Greatest no.: 6,45,562 Smallest no.: 6,45,172
(d) Greatest no.: 5,78,960 Smallest no.: 5,68,960
- (a) $27,656 < 27,895 < 75,690 < 88,975$
(b) $39,850 < 39,856 < 39,876 < 49,560$
(c) $26,565 < 2,56,561 < 2,56,563 < 2,56,567$
(d) $17,654 < 3,76,946 < 6,76,546 < 8,56,565$
- (a) $42,560 > 42,206 > 42,105 > 42,103$
(b) $68,987 > 68,978 > 68,968 > 68,960$
(c) $7,79,568 > 7,79,567 > 7,59,678 > 7,59,576$
(d) $9,99,999 > 9,96,999 > 9,89,999 > 9,83,456$

Practice Time 1D

- | Digits | Greatest number | Smallest number |
|-----------------|-----------------|-----------------|
| (a) 2,7,3,5,1 | 75,321 | 12,357 |
| (b) 7,5,4,8,0 | 87,540 | 40,578 |
| (c) 9,8,3,0,2,6 | 9,86,320 | 2,03,689 |
| (d) 0,1,9,6,3,7 | 9,76,310 | 1,03,679 |
- | Digits | Greatest 5-digit number | Smallest 5-digit number |
|----------------|-------------------------|-------------------------|
| (a) 5, 8, 3, 4 | 88,543 | 33,458 |
| (b) 6,0,7 | 77,760 | 60,007 |
| (c) 2,7,8 | 88,872 | 22,278 |
| (d) 9,6,0 | 99,960 | 60,009 |
| (e) 5,0 | 55,550 | 50,000 |
- | Digits | Greatest 6-digit number | Smallest 6-digit number |
|---------------|-------------------------|-------------------------|
| (a) 1,9,7,5,0 | 9,97,510 | 1,00,579 |
| (b) 2,4,6,8 | 8,88,642 | 2,22,468 |
| (c) 3,7,0,9 | 9,99,730 | 3,00,079 |
| (d) 6,8,9 | 9,99,986 | 6,66,689 |
| (e) 4,7 | 7,77,774 | 4,44,447 |

Challenge Question (Page 23)

$3,81,850 - 3,81,949$

Practice Time 1E

- (a) 840 (b) 790 (c) 1000 (d) 3270
(e) 7550 (f) 9050 (g) 10,200 (h) 14,560
- (a) 2800 (b) 4600 (c) 5100 (d) 9400
(e) 7500 (f) 14,700 (g) 32,200 (h) 43,600
- (a) 23,000 (b) 44,000 (c) 60,000 (d) 1,24,000
(e) 3,46,000 (f) 9,86,000 (g) 7,54,000 (h) 8,33,000

Challenge Question (Page 25)

L

Practice Time 1F

- (a) VIII (b) XVIII (c) XXV (d) XXIX (e) XCV
(f) C (g) CXLIX (h) CCLIX (i) CCCLXIV (j) CCCLXIX
- (a) 29 (b) 42 (c) 49 (d) 98 (e) 84
(f) 157 (g) 251 (h) 305 (i) 335 (j) 358
- (a) 19 (b) 3 (c) 19 (d) 36
- (a) XXII (b) XLIX (c) CL (d) CC

Mental Maths (Page 26)

1. 700 2. 872500 3. 124

Challenge Question (Page 27)

1. 98,760 2. 1,23,450 3. 9,87,065

Chapter Assessment

1. (a) (iii) (b) (i) (c) (ii) (d) (iv)
2. (a) 5; 5000 (b) 8 (c) 0 (d) 7 (e) 4
3. (a) (iv) (b) (i) (c) (ii) (d) (iii)
4. (a) 3 (b) 5 (c) 4
5. (a) 56,307; 56,309 (b) 2,10,500; 2,10,300
 (c) 5,82,354; 7,82,354
6. (a) 105788, 105888, 105988 (b) 694345, 695345, 696345
7. Three lakh twenty-five thousand five hundred one
8. Current year 9. Narayan's father
10. 90,000 11. 10,001, 1,00,001 (Answer may vary)
12. (a) False (b) False (c) False (d) True

Chapter 2. Addition and Subtraction

LET'S RECALL

1. (a) 5999 (b) 2714 2. 3656
3. Total population = 994, difference in their population = 158
4. Samina, 34 words

Practice Time 2A

1. (a) 94654 (b) 379339 (c) 869689 (d) 934161
 (e) 942866 (f) 527824
2. (a) 455743 (b) 989999 (c) 688994 (d) 789999
 (e) 879384 (f) 929958

Practice Time 2B

1. (a) 1 (b) 1 (c) 2436 (d) 0
 (e) 0 (f) 9999 (g) 246 (h) 4021
2. (a) 108 (b) 172 (c) 448 (d) 78
 (e) 740 (f) 199 (g) 735 (h) 409
3. (a) 99 (b) 64 (c) 183 (d) 362
 (e) 563 (f) 463 (g) 632 (h) 578
4. (a) 55 (b) 88 (c) 286 (d) 363
 (e) 388 (f) 306 (g) 560 (h) 429
5. (a) 269 (b) 668 (c) 579 (d) 1082

Practice Time 2C

1. ₹64200
2. (a) ₹59600 (b) ₹64840 (c) ₹32740 (d) ₹78590
3. 110034 4. 115347 5. 376729
6. 251130 votes

Practice Time 2D

1. (a) 23331 (b) 31292 (c) 37007 (d) 35272
 (e) 17457 (f) 263867
2. (a) 12221 (b) 236211 (c) 641399 (d) 164787
3. (a) 441411 (b) 133510 (c) 263210 (d) 56746
4. 60150 5. 76015 6. 78618

Practice Time 2E

1. (a) 43189 (b) 77781 (c) 0 (d) 64871
 (e) 100 (f) 0 (g) 53956 (h) 158950
 (i) 0
2. (a) 5542 (b) 3271 (c) 4651 (d) 2322

Practice Time 2F

1. 17970 bag 2. 6856 TV sets 3. 84498 litres
4. ₹32400 5. 104759 spectators 6. ₹182492

Practice Time 2G

1. (a) 20504 (b) 41244 (c) 101101 (d) 41548
 (e) 83571
2. 34625 3. 2426

Challenge Question (Page 46)

₹1,67,432

Challenge Question (Page 47)

X = 20202, Y = 90909

Practice Time 2H

1. (a) 3000 (b) 12000 (c) 17000 (d) 60000
 (e) 90000 (f) 40000 (g) 40000 (h) 40000
 (i) 90000
2. (a) 2000 (b) 2000 (c) 25000 (d) 20000
 (e) 50000 (f) 20000 (g) 20000 (h) 20000
 (i) 90000
3. 210000; 5256

Chapter Assessment

1. (a) (ii) (b) (ii) (c) (i) (d) (iv) (e) (iv)

2. (a)

5	7	3	9	5	2
-	2	5	0	8	6
3	2	3	0	8	8

(b)

6	7	2	9	3	4
-	3	8	4	6	2
2	8	8	3	0	6

(c)

8	4	7	2	8	0
-	5	3	8	0	9
3	0	9	1	8	8

3. ₹135000 4. 12275 workers 5. 31652 kits
6. C, 18972 votes 7. 3950 km 8. ₹16741 9. ₹31250

Mental Maths (Page 51)

1. (a) 5026 (b) 16784 (c) 86620 (d) 5093
2. (a) {10000, 45555} (b) {98989, 800000}

Chapter 3. Multiplication

LET'S RECALL

1. (a) 360 (b) 100 (c) 10×5 2. (a) 3756 (b) 1875 3. ₹1000

Practice Time 3A

1. (a) 11172 (b) 47474 (c) 65601
2. (a) 4936 (b) 18507 (c) 9364 (d) 53487
 (e) 88299 (f) 43825 (g) 78992 (h) 41244

Challenge Question (Page 56)

Odd number

Practice Time 3B

1. 6696 2. 17759 3. 9774 4. 95680
5. 141056 6. 127932 7. 150886

Practice Time 3C

1. 80925 2. 292817 3. 61380 4. 99944
5. 82992 6. 167328 7. 69375 8. 147839

Practice Time 3D

1. (a) 370 (b) 26800 (c) 102360 (d) 93
 (e) 10 (f) 17200
2. (a) 7440 (b) 1350 (c) 23120 (d) 382400
 (e) 27400 (f) 744000 (g) 83400 (h) 192000

Answer Key

Think Tank (Page 60)

1. 400 2. 4000 3. 3 4. ₹18000

Practice Time 3E

1. (a) 0 (b) 1 (c) 278 (d) 321 (e) 0 (f) 48
 (g) 522 (h) 215 (i) 16 (j) 93 (k) 15 (l) 100
 2. (a) (iv) (b) (iii) (c) (i) (d) (v) (e) (ii)

Practice Time 3F

1. (a) 6400 (b) 2800 (c) 12000 (d) 2500
 (e) 116100 (f) 174900
 2. (a) 40000 (b) 210000 (c) 60000 (d) 160000
 (e) 420000 (f) 60000

Practice Time 3G

1. ₹6336 2. ₹47530 3. 28275 4. 29952 5. 82602
 6. ₹116500 7. ₹510600 8. 26000 9. 40000

Practice Time 3H

1. 232 2. 744 3. 19242 4. 3870 5. 14878 6. 226616

Mental Maths (Page 65)

1. (c) 2. (a) 3. (b) 4. (c) 5. (a)

Challenge Question (Page 66)

A = 1, B = 2, C = 3

Chapter Assessment

1. (a) (iii) (b) (ii) (c) (ii) (d) (iii) (e) (iii)
 2. 9750 kg 3. 30535 4. ₹4200 5. 3780 km
 6. 9120 7. ₹415840 8. ₹ 203850 9. 29375
 10. 90000 11. 112500 12. 525 13. ₹31350
 14. (a) ₹1145 (b) ₹840 (c) ₹856
 (d) Since, $553 > 500$, she does not have enough money to purchase this quantity of fruits.

Chapter 4. Division**LET'S RECALL**

1. (a) 5 (b) 8 (c) 9
 2. (a) $75 \div 5 = 15$, $75 \div 15 = 5$ (b) $480 \div 4 = 120$; $480 \div 120 = 4$
 (c) $384 \div 8 = 48$, $384 \div 48 = 8$
 3. (a) 27 (b) 8 (c) Q = 182, R = 1 4. ₹8

Think Tank (Page 72)

False

Practice Time 4A

1. 153, 9, 17, 0 2. 215, 8, 26, 7 3. 1 4. 712
 5. 0 6. 0 7. 0 8. 3247

Practice Time 4B

1. (a) Q = 2514; R = 1 (b) Q = 589; R = 2 (c) Q = 990; R = 2
 (d) Q = 559; R = 4 (e) Q = 9387; R = 0 (f) Q = 4483; R = 1
 (g) Q = 1826; R = 1 (h) Q = 10053; R = 6
 2. (a) 4 (b) 3 (c) 8

Practice Time 4C

1. (a) Q = 281; R = 1 (b) Q = 212; R = 6 (c) Q = 541; R = 9
 (d) Q = 68; R = 0 (e) Q = 94; R = 31 (f) Q = 1317; R = 3
 (g) Q = 112; R = 26 (h) Q = 387; R = 16
 2. (a) Q = 604; R = 8 (b) Q = 326; R = 4 (c) Q = 61; R = 54
 (d) Q = 417; R = 18 (e) Q = 1806; R = 0 (f) Q = 1037; R = 9
 (g) Q = 776; R = 15 (h) Q = 1103; R = 22 3. (c) 867

Practice Time 4D

1. 7, 8 2. 42, 0 3. 9, 36 4. 279, 6
 5. 23, 65 6. 237, 8 7. 5, 64 8. 2, 33
 9. 13, 655 10. 23, 9 11. 99, 867 12. 101, 568

Challenge Question (Page 79)

164

Practice Time 4E

1. (a) (ii) (b) (iv) (c) (iii) (d) (i)
 2. (a) 3 (b) 10 (c) 50 (d) 20
 (e) 50 (f) 200 (g) 100 (h) 140

Practice Time 4F

1. 59 2. 102 3. 58 4. 23
 5. 101, No 6. 45, 57 7. 167
 8. ₹28244; ₹30000 9. Second month, 840 10. 21, 16

Mental Maths (Page 82)

1. (b) 2. (a) 3. (d) 4. (c) 5. (a)

Chapter Assessment

1. (a) (i) (b) (ii) (c) (iv) (d) (ii)
 2. (a) False (b) False (c) False (d) False
 (e) True (f) False

3.	Question	Rounds to 10	Actual Q and R	Estimated Q and R
(a)	$81 \div 18$	$80 \div 20$	4, 9	4, 0
(b)	$56 \div 23$	$60 \div 20$	2, 10	3, 0
(c)	$312 \div 59$	$310 \div 60$	5, 17	5, 10
(d)	$681 \div 53$	$680 \div 50$	12, 45	13, 30
(e)	$691 \div 51$	$690 \div 50$	13, 28	13, 40

4. Yes, 14 5. 209 6. 522 km 7. 225 m
 9. 23 10. 220

Life Skills (Page 84)

346, 50

Challenge Question (Page 84)

1. 15; 3, 10 2. (a) 1084 (b) 1480 (Answer may vary)

Chapter 5. Factors and Multiples**LET'S RECALL**

2. $1 \times 18 = 2 \times 9 = 3 \times 6$ 3. $1 \times 20 = 2 \times 10 = 4 \times 5$
 4. $1 \times 24 = 2 \times 12 = 3 \times 8 = 4 \times 6$

Think Tank (Page 88)

Multiplication facts: $1 \times 24 = 24$; $2 \times 12 = 24$; $3 \times 8 = 24$; $4 \times 6 = 24$
 Factors: 1, 2, 3, 4, 6, 8, 12, 24

Think Tank (Page 90)

1. 90 2. 45 3. 3 4. 8

Challenge Question (Page 91)

Co-prime numbers

Practice Time 5A

1. (a) True (b) False (c) False (d) False
 2. (a) 1, 2, 3, 4, 6 and 12. (b) 1, 2, 4, 7, 14 and 28.
 (c) 1, 3, 5, 9, 15 and 45. (d) 1, 2, 4, 7, 8, 14, 28 and 56.
 (e) 1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36 and 72.
 3. (a) 1, 2, 3, 4, 6, 8, 12 and 24.
 (b) 1, 2, 3, 4, 6, 9, 12, 18 and 36.
 (c) 1, 2, 3, 6, 9, 18, 27 and 54.
 (d) 1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36 and 72.
 (e) 1, 2, 3, 4, 6, 8, 12, 16, 24, 32, 48 and 96.
 4. (a) No (b) Yes (c) Yes (d) No
 5. (a) 1, 2, 3 and 6 (b) 1 and 5 (c) 1 and 7 (d) 1, 2, 3 and 6
 (e) 1, 2, 3, 5, 6, 10, 15 and 30 (f) 1, 2, 4 and 8 (g) 1 and 2

Practice Time 5B

1. (a) 5, 10, 15, 20, 25, 30 (b) 7, 14, 21, 28, 35, 42
 (c) 11, 22, 33, 44, 55, 66 (d) 13, 26, 39, 52, 65, 78

2. (a) 34, 68, 102, 136, 170 (b) 26, 52, 78, 104, 130
(c) 30, 60, 90, 120, 150 (d) 50, 100, 150, 200, 250
3. (a) 40 (b) 72
(c) 12, 24, 36, 48, 60, 72, 84, 96, 108, 120, 132
(d) 21, 24, 27, 30, 33, 36, 39, 42, 45, 48
(e) 54, 63, 72, 81, 90, 99 (f) 72
4. (a) 20, 40, 60 and 80 (b) 15, 30, 45 and 60
(c) 14, 28, 42 and 56 (d) 24, 48, 72 and 96
(e) 20, 40, 60 and 80

Practice Time 5C

1. (a) True (b) False (c) True (d) True

2.

	Divisible by						
	Numbers	2	3	4	5	9	10
(a)	62	yes	no	no	no	no	no
(b)	96	yes	yes	yes	no	no	no
(c)	284	yes	no	yes	no	no	no
(d)	251	no	no	no	no	no	no
(e)	1024	yes	no	yes	no	no	no
(f)	6318	yes	yes	no	no	yes	no

Think Tank (Page 99)

1. 2, 3, 5, 7, 11, 13, 17, 19, and 23.
2. 4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20, 21, 22, 24, 25, 26, 27 and 28.

Practice Time 5D

1. Prime number: (c); Composite numbers: (a), (b), (d), (e), (f)
2. (a) 11, 13, 17, 19, 23 and 29 (b) 53 and 59 (c) 83 and 89
3. (a) 4 (b) 7 (c) 6
4. (a) 10, 5 (b) 7, 3 × 3 (c) 2 × 50, 25 × 2, 5 × 5

5. (a)

3	75
5	25
	5

(b)

2	108
2	54
3	27
3	9
	3

(c)

5	625
5	125
5	25
	5

6. (a) $2 \times 3 \times 3$ (b) $2 \times 2 \times 5$ (c) $2 \times 2 \times 2 \times 2 \times 2$
(d) $2 \times 3 \times 7$ (e) $2 \times 2 \times 3 \times 5$ (f) $3 \times 3 \times 3 \times 3$

Challenge Question (Page 102)

1. 2412 2. 8

Chapter Assessment

1. (a) (iii) (b) (ii) (c) (iii) (d) (i)
2. (a) F (b) F (c) F (d) T
(e) F (f) T
3. (a) 30 (b) 10 (c) 60 (d) 20 (e) 33
4. (a) 26 (b) 99 (c) 99999 (d) 99999
5. 1, 2, 4, 5, 8, 10, 25, 40, 125 6. 6th
7. 4 pairs (13 and 31; 17 and 71; 37 and 73; 79 and 97)
8. 312, 402, 444 and 612

Life Skills (Page 104)

1. 15, 30, 45, 60, 75, 90, 105, 120, 135, 150, 165, 180, 195
2. 6, 12, 18, 24, 30 September

Mental Maths (Page 105)

1. (a) 2. (c) 3. (c) 4. (a)

Chapter 6. Fractions

LET'S RECALL

1. (a)
2. (a) $\frac{3}{9}$ (b) $\frac{4}{9}$ (c) $\frac{3}{9}$ (d) $\frac{4}{9}$
3. (a) Num = 2, Den = 5 (b) Num = 3, Den = 7 (c) Num = 4, Den = 9
(d) Num = 5, Den = 10
4. (a) 5 apples (b) 14 pencils (c) 15 stamps

Practice Time 6A

1. (a), (b), (e) 2. (a), (c), (d), (e)
3. (a) 6 (b) 6 (c) 4 (d) 1
4. (a) 9 (b) 18 (c) 7 (d) 9
5. (a) 8 (b) 54 (c) 45 (d) 42
6. (a) $\frac{10}{14}, \frac{15}{21}, \frac{20}{28}, \frac{25}{35}, \frac{30}{42}$ (b) $\frac{6}{8}, \frac{9}{12}, \frac{12}{16}, \frac{15}{20}, \frac{18}{24}$
(c) $\frac{10}{16}, \frac{15}{24}, \frac{20}{32}, \frac{25}{40}, \frac{30}{48}$ (d) $\frac{4}{14}, \frac{6}{21}, \frac{8}{28}, \frac{10}{35}, \frac{12}{42}$
(e) $\frac{16}{6}, \frac{24}{9}, \frac{32}{12}, \frac{40}{15}, \frac{48}{18}$
7. (a) yes (b) no (c) yes (d) no (e) yes

Think Tank (Page 111)

1. False 2. False

Practice Time 6B

1. (a) no (b) yes (c) no (d) yes (e) yes (f) no
(g) no (h) yes (i) no (j) yes
2. (a) $\frac{14 \div 7}{21 \div 7} = \frac{2}{3}$ (b) $\frac{10 \div 2}{18 \div 2} = \frac{5}{9}$ (c) $\frac{15 \div 5}{35 \div 5} = \frac{3}{7}$
3. (a) $\frac{1}{2}$ (b) $\frac{1}{2}$ (c) $\frac{1}{5}$ (d) $\frac{1}{3}$ (e) $\frac{2}{3}$ (f) $\frac{3}{4}$
(g) $\frac{2}{3}$ (h) $\frac{5}{7}$ (i) $\frac{11}{13}$ (j) $\frac{15}{19}$

Practice Time 6C

1. (a), (b), (d), (e) 2. (b), (e) 3. (b), (d), (f)
4. (a) $1\frac{4}{5}$ (b) $1\frac{5}{7}$ (c) $1\frac{4}{15}$ (d) $2\frac{6}{12}$ or $2\frac{1}{2}$ (e) $1\frac{7}{13}$
(f) $4\frac{4}{5}$
5. (a) $\frac{17}{2}$ (b) $\frac{22}{3}$ (c) $\frac{32}{3}$ (d) $\frac{17}{4}$ (e) $\frac{26}{5}$ (f) $\frac{64}{7}$
6. (a) 18 (b) 7 (c) 2 (d) 29

Practice Time 6D

1. (a) > (b) < (c) > (d) < (e) < (f) <
(g) > (h) < (i) < (j) >
2. (a) $\frac{4}{5}$ (b) $\frac{9}{13}$ (c) $\frac{8}{2}$ (d) $\frac{3}{4}$ (e) $\frac{8}{11}$
3. (a) $\frac{2}{8} < \frac{4}{8} < \frac{5}{8} < \frac{7}{8}$ (b) $\frac{1}{9} < \frac{2}{9} < \frac{5}{9} < \frac{6}{9}$
(c) $\frac{6}{13} < \frac{6}{12} < \frac{6}{8} < \frac{6}{7}$ (d) $\frac{1}{9} < \frac{1}{7} < \frac{1}{3} < \frac{1}{2}$
4. (a) $\frac{7}{8} > \frac{7}{9} > \frac{7}{12} > \frac{7}{13}$ (b) $\frac{4}{9} > \frac{3}{9} > \frac{2}{9} > \frac{1}{9}$
(c) $\frac{9}{12} > \frac{5}{12} > \frac{3}{12} > \frac{1}{12}$ (d) $\frac{4}{5} > \frac{4}{7} > \frac{4}{10} > \frac{4}{11}$

Practice Time 6E

- $4\frac{1}{4}$
 - $1\frac{4}{9}$
 - 1
 - $1\frac{4}{7}$
 - $4\frac{3}{11}$
 - $1\frac{1}{3}$
 - $3\frac{1}{5}$
 - $3\frac{2}{9}$
- $\frac{3}{11}$
 - 0
 - $\frac{1}{8}$
 - $\frac{2}{17}$
 - $4\frac{1}{2}$
 - 1
 - $1\frac{3}{8}$
 - $2\frac{1}{17}$
- 1 km
 - ₹37
 - Reading, $\frac{1}{5}$ hour
 - Ridhima, $\frac{5}{8}$ km

Mental Maths (Page 122)

- (c)
- (b)
- (d)
- (a)

Chapter Assessment

- (iv)
 - (iii)
 - (i)
 - (iii)
 - (iii)
 - (ii)
- (v)
 - (iv)
 - (i)
 - (ii)
 - (iii)
- >
 - =
 - >
 - <
- $\frac{3}{4}$
 - $\frac{4}{11}$
 - $1\frac{1}{6}$
 - 3
- Both of them drank the same quantity.
- $\frac{3}{5}$ of salary
- $\frac{1}{2}$
- $\frac{6}{8}$ or $\frac{3}{4}$
- $\frac{4}{5}$
- Shailja, 1 km

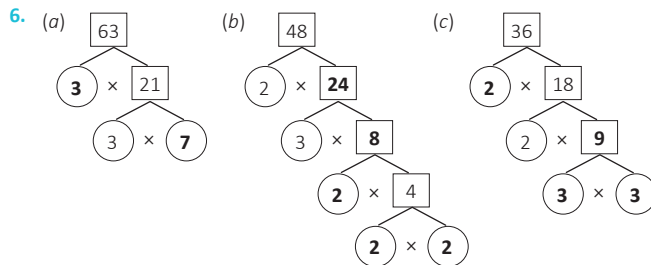
Challenge Question (125)

- Mira, Zoya
- Ayaan
- Yes; Kabir

Model Test Paper – 1

- (a)
 - (c)
 - (a)
 - (c)
 - (b)
 - (c)
- (c)
 - (a)
 - (a)
 - (b)
- 4,00,000 + **10,000** + 3000 + 600 + **30** + 2
 - 1,00,000
 - 13
 - zero(0)
 - 6
 - 1
- 7 necklaces
 - $\frac{5}{10}$ or $\frac{1}{2}$
 - 12,04,800

- 45 chairs in each row, 57 chairs left.
- 3950 kilometres



7. $\frac{1}{3} = \frac{2}{6} = \frac{3}{9} = \frac{4}{12} = \frac{5}{15} = \frac{6}{18} = \frac{7}{21}$

Chapter 7. Geometry

LET'S RECALL

- cone
 - cuboid
 - circle

Practice Time 7A

- point
 - definite
 - one
 - no
- Point P
 - Line $\overleftrightarrow{ST}$
 - Ray $\overrightarrow{DC}$
 - Line segment $\overline{UV}$

- $\overline{OA}$, $\overline{OB}$, $\overline{OC}$, $\overline{OD}$
 - $\overline{OA}$, $\overline{OB}$, $\overline{OC}$, $\overline{OD}$, $\overline{OE}$, $\overline{OF}$, $\overline{OG}$, $\overline{OH}$
 - $\overline{PA}$, $\overline{PB}$, $\overline{PH}$, $\overline{PG}$, $\overline{DF}$, $\overline{CE}$, $\overline{CH}$, $\overline{DG}$
- P, Q, R
 - $\overline{PQ}$, $\overline{PR}$
 - $\overline{QX}$, $\overline{QY}$, $\overline{PX}$
 - $\overline{PR}$

Think Tank (Page 133)

Railway tracks, Edges of a ruler, Zebra crossing, Ruled paper, etc.

Think Tank (Page 134)

- Partially open doors, scissors, hands of clock, cycle spokes, etc.
- Parallel lines
- Perpendicular lines

Practice Time 7B

- Intersecting
 - Parallel
 - Perpendicular
 - Intersecting
 - Intersecting
 - Perpendicular
- Arms:** $\overline{OA}$, $\overline{OB}$; **Vertex:** O; **Angle:** $\angle AOB$; Acute
 - Arms:** $\overline{BA}$, $\overline{BC}$; **Vertex:** B; **Angle:** $\angle ABC$; Right
 - Arms:** $\overline{QP}$, $\overline{QR}$; **Vertex:** Q; **Angle:** $\angle PQR$; Obtuse

Practice Time 7C

- (b), (c), (e), (f), (h)
- (a), (b), (c), (e)
- $\overline{AB}$, $\overline{BC}$, $\overline{CD}$, $\overline{DA}$
 - $\overline{XY}$, $\overline{YZ}$, $\overline{ZX}$
 - $\overline{MN}$, $\overline{NO}$, $\overline{OP}$, $\overline{PM}$
 - $\overline{AB}$, $\overline{BC}$, $\overline{CD}$, $\overline{DE}$, $\overline{EA}$
- T
 - F
 - F
 - T
 - F

Practice Time 7D

- False
 - True
 - True
 - False
 - True
 - True
- Centre: O, Radius: OA, OB, OC, Diameter: BC
 - Centre: O, Radius: OA, OB, Diameter: AB
- OA
 - AB
- 20 cm
 - 26 cm
 - 18 cm
 - 10 cm
 - 14 cm
- 6 cm
 - 20 cm
 - 13 cm
 - 32 cm
 - 40 cm

Practice Time 7E

	Name of shape	Number of face(s)	Number of plane face(s)	Number of curved face(s)	Number of edge(s)	Number of vertices
1.	(a) Cube	6	6	0	12	8
	(b) Cuboid	6	6	0	12	8
	(c) Cylinder	3	2	1	2	0
	(d) Cone	2	1	1	1	1
	(e) Triangular Prism	5	5	0	9	6
	(f) Square Pyramid	5	5	0	8	5

- (b), (c)
- 66
 - 12
 - 9

Mental Maths (Page 143)

- No
- Yes
- No
- Three
- No

Chapter Assessment

- (iv)
 - (iv)
 - (iv)
 - (iii)
 - (ii)
 - (ii)
- A, B, O, D, E
 - $\overline{BF}$
 - $\overline{OA}$, $\overline{OB}$, $\overline{OD}$, $\overline{OF}$
 - $\overline{OE}$
- $\overline{AD}$
 - $\overline{AB}$ and $\overline{DC}$
 - parallel
 - $\overline{AC}$ and $\overline{BD}$
- 3(E, M, W)
- Centre
 - Radius
 - Radius
 - Diameter
- Three
 - centre : O, Diameter: AB, Radii: OA and OB
 - 14 cm

7.	Radius	8 cm	<u>9 cm</u>	<u>2 cm</u>	5 cm	<u>4 cm</u>
	Diameter	<u>16 cm</u>	18 cm	4 cm	<u>10 cm</u>	8 cm

Challenge Question (Page 146)

1. 8 cm 2. 16 cm

Chapter 8. Symmetry and Patterns

LET'S RECALL

1. (a), (b)
2. (a)  (b) 100000

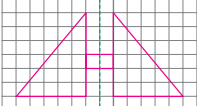
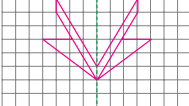
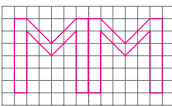
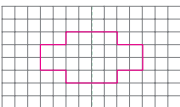
Think Tank (Page 150)

1. yes; 0, 3 and 8 2. H, O, X (Answer may vary)

Practice Time 8A

1. (a), (e), (f)
2. (a)  (b)  (c)  (d) 
3. (a), (c)

Practice Time 8B

1. (b), (d), (e), (f)
2. (a)  (b) 
(c)  (d) 

Think Tank (Page 155)

34

Practice Time 8C

1. (a) 16, 19, 22, 25 (b) 39, 48, 57, 66 (c) 27, 31, 35, 39 (d) 64, 32, 16, 8
2. (a) $1234 \times 9 + 5 = 11111$; $12345 \times 9 + 6 = 111111$
(b) $9876 \times 9 + 4 = 88888$; $98765 \times 9 + 3 = 888888$
(c) $12345 \times 8 + 5 = 98765$; $123456 \times 8 + 6 = 987654$
(d) $20000 \div 2000 = 10$; $20000 \div 20000 = 1$
3. (a) 555, 5, 277775 (b) 333, 5
4. (a) 24 (b) 20 (c) 30

Practice Time 8D

1. (a), (b), (e), (f)

Think & Answer (Page 159)

1. I LOVE INDIA

Practice Time 8E

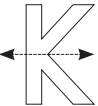
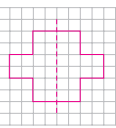
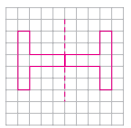
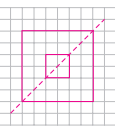
1. (a) 2 5 8 5 18 5 14 15 23
(b) 2 5 12 9 5 22 5 9 14 25 15 21 18 19 5 12 6
(c) 4 15 9 20 14 15 23
(d) 4 15 25 15 21 18 2 5 19 20
(e) 4 18 5 1 13 19 3 15 13 5 20 18 21 5
2. (a) FOCUS AND WIN (b) IT IS POSSIBLE
(c) YES YOU CAN (d) NEVER GIVE UP

Mental Maths (Page 159)

1. (a) 2. (d) 3. (c)

Chapter Assessment

1. (a) (i) (b) (iii) (c) (ii) (d) (iv)

2. 
3. (a)  (b)  (c)  (d)  (e) 
4. (a)  (b)  (c) 
5. (a)  (b)  (c) 
6. (a), (d) 7. GHI, TSR 8. 4

9. (a) $8000 + 1000 = 9000$; $80000 + 10000 = 90000$
(b) $1234 \times 9 + 5 = 11111$; $12345 \times 9 + 6 = 111111$
(c) $3333 \times 3 = 9999$; $33333 \times 3 = 99999$
(d) $24000 \div 8 = 3000$; $240000 \div 8 = 30000$
10. (a) 5 14 10 15 25 12 9 6 5
(b) 20 18 25 1 7 1 9 14
(c) 19 20 1 25 16 15 19 9 20 9 22 5
11. (a) HOW ARE YOU? (b) CHANGE IS GOOD
(c) PLANT MORE TREES

Chapter 9. Measurement

LET'S RECALL

1. (a) 4015 cm (b) 4200 g (c) 18180 mL
2. (a) 39 cm 4 mm (b) 37 kg 345 g (c) 44 L 250 mL

Challenge Question (Page 169)

3 cm 7 mm

Practice Time 9A

1. (a) 6300 cm (b) 15000 cm (c) 1640 cm (d) 3005 cm
2. (a) 290 mm (b) 1800 mm (c) 163 mm (d) 258 mm
3. (a) 24000 m (b) 96000 m (c) 8417 m (d) 26042 m
4. (a) 390 dm (b) 1180 dm (c) 199 dm (d) 1092 dm
5. (a) 1300 dam (b) 180 dam (c) 600 dam
6. (a) 2168 m (b) 12694 m
7. (a) 10 cm 5 mm (b) 6 m 85 cm (c) 8 km (d) 16 km 300 m
8. (a) 216 in (b) 84 in (c) 9 ft (d) 11 ft 9 in

Practice Time 9B

1. (a) 42 km 361 m 4 cm (b) 475 m 73 cm 8 mm
(c) 76 km 600 m 52 cm 9 mm
2. (a) 53 km 834 m (b) 43 m 4 cm 9 mm (c) 108 km 276 m 5 cm
3. (a) 36 m 21 cm (b) 27 m 95 cm (c) 48 km 770 m 22 cm
(d) 58 km 203 m 44 cm
4. 8 m 74 cm 5. 281 km 248 m 6. 2232 km 500 m
7. 2 km 950 m

Think Tank (Page 173)

Both have the same weight.

Challenge Question (Page 174)

5; 50 g

Practice Time 9C

- (a) 26000 g (b) 320045 g (c) 45000 mg (d) 140203 mg
- (a) 9145 g (b) 20498 g
- (a) 9 kg (b) 4 kg 323 g (c) 3 kg 65 g (d) 25 g 605 mg
- (a) 140 quintals (b) 12500 kg (c) 120 tons (d) 13800 kg

Challenge Question (Page 176)

650 g; Add: 250 g (or 0.25 kg)

Practice Time 9D

- (a) 621 kg 555 g 343 mg (b) 939 kg 801 g 733 mg
(c) 262 kg 635 g 105 mg (d) 376 kg 292 g 10 mg
- (a) 61 kg 611 g (b) 54 kg 1 g
(c) 64 kg 479 g 25 mg (d) 360 kg 141 g 420 mg
- (a) 2 kg 16 g (b) 40 kg 665 g 630 mg
(c) 7 kg 11 g 701 mg (d) 239 kg 976 g 415 mg

Fast Check (Page 177)

4000 mL

Practice Time 9E

- (a) 16000 mL (b) 1100 mL (c) 15350 mL (d) 1680 mL
- (a) 3 L 500 mL (b) 8 L 756 mL (c) 9 L 767 mL (d) 1 L 808 mL
- (a) 26000 L (b) 3000 L (c) 1560 L (d) 12470 L
(e) 6365 L (f) 6954 L
- (a) 13 kL (b) 12 kL (c) 6 kL 352 L (d) 2 kL 8 L
- 20, 10 mL

Practice Time 9F

- (a) 15 kL 198 L 352 mL (b) 120 L 795 mL (c) 17 kL 330 L 6 mL
- (a) 79 L 30 mL (b) 51 kL 299 L (c) 17 kL 97 L 820 mL
(d) 25 kL 25 L 521 mL
- (a) 71 L 20 mL (b) 4 kL 12 L (c) 17 kL 576 L 330 mL
(d) 16 kL 981 L 78 mL
- 251 L 700 mL 5. 7 kL 50 L 6. 2 kL 500 L

Mental Maths (Page 181)

- 2000
- 2
- 100
- 6 km 500 m
- 2500

Chapter Assessment

- (a) (iii) (b) (i) (c) (iii) (d) (ii) (e) (iv)
- (a) 50, 5000 (b) 4100, 4100000 (c) 11000, 11000000
(d) 165 (e) 1, 6
- (a) False (b) True (c) False (d) True (e) False
- 1200 mL or 1 L 200 mL 5. 4 m 20 cm
- 31 L 392 mL 7. 145 kg 670 g 8. 76 kg 495 g 9. 6 kg
- (a) 8, 586 (b) 7, 816 (c) 7, 716 (d) 7, 242 (e) 6, 992

Challenge Question (Page 183)

Anaya = 172 cm

Rehan = 170 cm 4 mm

Maya = 174 cm 6 mm

Siya = 168 cm

Ascending order: 168 cm < 170 cm 4 mm < 172 cm < 174 cm 6 mm

Chapter 10. Perimeter and Area**Practice Time 10A**

- (a) 26 units (b) 28 units (c) 28 units (d) 26 units
(e) 28 units (f) 24 units
- (a) 19 cm (b) 26 cm (c) 16 cm (d) 31 m
(e) 20 cm (f) 25 cm
- 24 cm 4. 48 cm 5. 160 cm 6. 28 cm

Challenge Question (Page 190)

(18 cm, 20 cm), (10 cm, 28 cm), (5 cm, 33 cm), etc. (Answer may vary)

Think Tank (Page 192)

- (a) False (b) False (c) False

Practice Time 10B

- A=12 sq. cm, B=4 sq. cm, C=6 sq. cm, D=16 sq. cm, E=16 sq. cm,
F=15 sq. cm, G=10 sq. cm
- (a) 5 sq. units (b) 8 sq. units (c) 4 sq. units (d) 6 sq. units
(e) 13 sq. units (f) 7 sq. units

Chapter Assessment

- (a) (iii) (b) (iii) (c) (i) (d) (ii) (e) (i)
- (a) 20 cm (b) 18 cm (c) 25 cm (d) 24 cm
(e) 16 cm (f) 20 cm
- (a) P = 12 cm; A = 8 sq. cm (b) P = 16 cm; A = 16 sq. cm
(c) P = 12 cm; A = 6 sq. cm (d) P = 14 cm; A = 9 sq. cm
- (a) 24 sq. cm (b) 30 sq. cm (c) 18 sq. cm
- (a) 18 sq. cm (b) 15 sq. cm 6. 750 m 7. 44 cm
- 88 m 9. 24 cm

Challenge Question (Page 196)

32 cm

Chapter 11. Time**LET'S RECALL**

- (a) 120 (b) 24 (c) 140 (d) 1095
- (a)-(iii), (b)-(ii), (c)-(iv), (d)-(i)

Practice Time 11A

- (b) 12:13, 13 minutes past 12, 47 minutes to 1
(c) 5:30, 30 minutes past 5, 30 minutes to 6
(d) 2:40, 40 minutes past 2, 20 minutes to 3
(e) 7:16. 16 minutes past 7, 44 minutes to 8
(f) 9:15, 15 minutes past 9, 45 minutes to 10
(g) 6:45, 45 minutes past 6, 15 minutes to 7
(h) 11:10, 10 minutes past 11, 50 minutes to 12

Practice Time 11B

- 50 seconds → 10 seconds → 25 seconds

Practice Time 11C

- (a) 03:34 hours (b) 16:50 hours (c) 19:30 hours (d) 10:00 hours
(e) 00:00 hours or 24:00 hours (f) 18:34 hours
- (a) 4:20 p.m. (b) 6:57 p.m. (c) 8:20 p.m. (d) 4:30 a.m.
(e) 10:00 p.m. (f) 8:08 a.m.
- (a) Renu wakes up at 6:45 a.m. (b) A bus leaves ISBT at 2:45 p.m.
(c) A hawker starts distributing newspapers at 5:35 a.m.
(d) A match starts at 5:30 p.m. (e) Golu reached Agra at 8:10 p.m.
- 12-hour format-4:30 p.m. and 24-hour format-16:30 hours

Practice Time 11D

- (a) 360 minutes (b) 510 minutes (c) 18000 seconds
(d) 1080 seconds (e) 1695 seconds (f) 53280 seconds
- (a) 3 minutes 36 seconds (b) 40 minutes 48 seconds
(c) 1 hour 4 minutes 20 seconds (d) 2 hours

Practice Time 11E

- (a) 53 minutes 55 seconds (b) 29 minutes 38 seconds
(c) 58 minutes 18 seconds (d) 46 minutes 5 seconds
(e) 41 hours 51 minutes 30 seconds OR 1 day 17 hours 51 minutes 30 seconds
(f) 106 hours 5 minutes 8 seconds OR 4 days 10 hours 5 minutes 8 seconds

- (a) 15 hours 15 minutes (b) 14 hours 58 minutes
(c) 4 minutes 40 seconds (d) 19 hours 43 minutes 54 seconds
- 29 hours 14 minutes OR 1 day 5 hours 14 minutes
- 95 minutes 40 seconds OR 1 hour 35 minutes 40 seconds
- Ajay, 15 minutes

Practice Time 11F

1.	Starting time	Finishing time	Duration
(a)	7:25 a.m.	9:15 a.m.	1 hour 50 minutes
(b)	11:10 p.m.	12:20 a.m.	1 hour 10 minutes
(c)	5:45 a.m.	6:35 a.m.	50 minutes
(d)	8:10 p.m.	11:35 p.m.	3 hours 25 minutes
(e)	10:55 a.m.	12:16 p.m.	1 hour 21 minutes

- 2 hours 45 minutes
- 1 hour 30 minutes
- 5 hours 15 minutes
- 6:20 p.m.

Challenge Question (Page 213)

Friday

Practice Time 11G

- (a) 4 May (b) 17 February (c) 30 July (d) Saturday
(e) Saturday (f) Monday
- (a) 6 weeks (b) 15 weeks (c) 12 years (d) 6 years
(e) 3 months (f) 2 years
- (a) 97 days (b) 143 days (c) 54 days (d) 67 days
(e) 15 days (f) 230 days
- (a) 40 months (b) 59 months (c) 82 months (d) 88 months
(e) 20 months (f) 61 months
- 95 days
- 5th of January
- 181 days
- 16 August 2021

Chapter Assessment

- (a)-(iii), (b)-(iv), (c)-(ii), (d)-(i), (e)-(i)
- 12 minutes 26 seconds
- 3:45 p.m.
- 9:45 p.m.
- 10:30 p.m.
- 1 hour 19 minutes
- 6:25 p.m.
- 57 days

Mental Maths (Page 217)

Team	A	B	C	D
Total Time	4 hours 3 seconds	4 hours 10 minutes 29 seconds	5 hours 34 minutes 29 seconds	4 hours 2 seconds
Rank	2nd	3rd	4th	1st

Chapter 12. Money

LET'S RECALL

- Rohan
- Week-2
- Siya - ₹233; Rohan - ₹342
- Rohan

Think Tank (Page 221)

₹50000

Practice Time 12A

- (a) ₹218 (b) ₹1876 (c) ₹725 (d) ₹3005 (e) ₹3347
- ₹389
- Gyan
- ₹1185
- She needs ₹55 more

Think Tank (Page 222)

₹6041

Practice Time 12B

- (a) ₹1218.05 (b) ₹1121.50 (c) ₹9390.00

- (a) ₹7114.20 (b) ₹13458.88
- (a) ₹398.64 (b) ₹503.65 (c) ₹139.84
- (a) ₹1514 (b) ₹4232.50 (c) ₹3255 (d) ₹2009.31
- ₹68.65
- Rupesh, ₹475.05
- ₹81.05
- ₹698.75

Practice Time 12C

- (a) ₹592 (b) ₹614.08 (c) ₹2146.80 (d) ₹84975.60
- (a) ₹10.75 (b) ₹35.06 (c) ₹41.90 (d) ₹203.74
- ₹337.5
- ₹15759.75
- ₹29375
- ₹582609
- ₹65
- ₹483.2
- ₹5.8
- ₹57

Practice Time 12D

APNA STATIONERY				
Name: _____		Date: _____		
Address: _____		Bill No. 125		
S.No.	Items	Quantity	Rate (₹)	Amount (₹)
1.	Notebooks	6	55.40	332.40
2.	Files	8	25	200
3.	Pens	2	60.5	121.00
4.	Pencils	12	5.75	69
Total =				722.40

Chapter Assessment

- (a) (ii) (b) (iii) (c) (iii) (d) (i)
- NO
- ₹8000
- ₹800
- ₹9170
- ₹2355
- ₹35
- ₹2556
- 5

Mental Maths (Page 229)

- (c)
- 50
- (a) 7.50 (b) 9.75
- ₹25
- ₹3

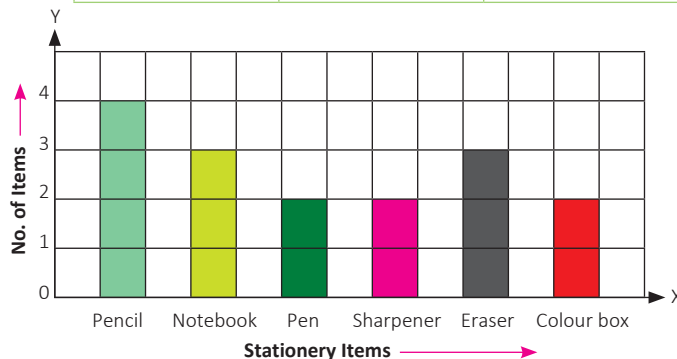
Challenge Question (Page 229)

₹6375

Chapter 13. Data Handling

LET'S RECALL

Stationery	Tally marks	Number of items
Pencil		4
Notebook		3
Pen		2
Sharpener		2
Eraser		3
Colour box		2



Practice Time 13A

Colours	Tally marks	Number of items
Red		7
Pink		5
Blue		6
Green		2
Black		5
Purple		4
Yellow		3
White		1
Brown		2

(a) 7 (b) 3 (c) White (d) Red

Name of games	Number of students
Football	
Cricket	
Badminton	
Volleyball	
Basketball	

Key: = 6 Students

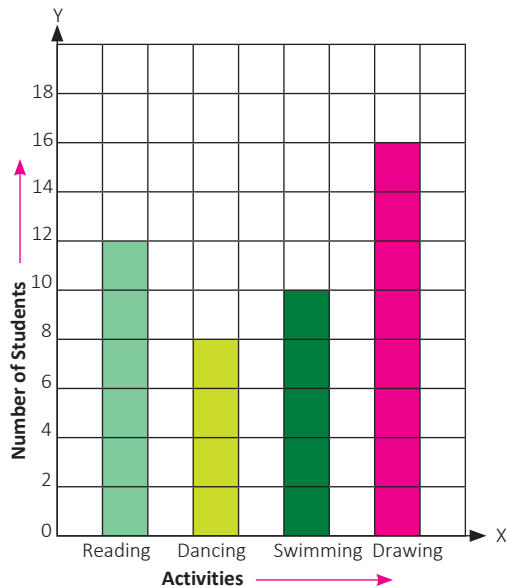
Mode of transports	Number of children
School Bus	
Car	
Walking	
Authorickshaw	
Bicycle	

Key: = 5 Children

4. (a) GK books (b) 30 (c) 330
5. (a) 120 (b) 495 (c) 30 (d) Mango, Apple

Practice Time 13B

1. (a) Taj Mahal (b) 14 (c) 4 (d) Qutub Minar
2. (a) ₹300 (b) March (c) June (d) ₹1150
3.



Challenge Question (Page 240)

1. Art 2. Embroidery 3. 21

Activities	Tally marks	Number of students
Art		14
Drawing		13
Dance		10
Embroidery		4
Music		11
Yoga		12

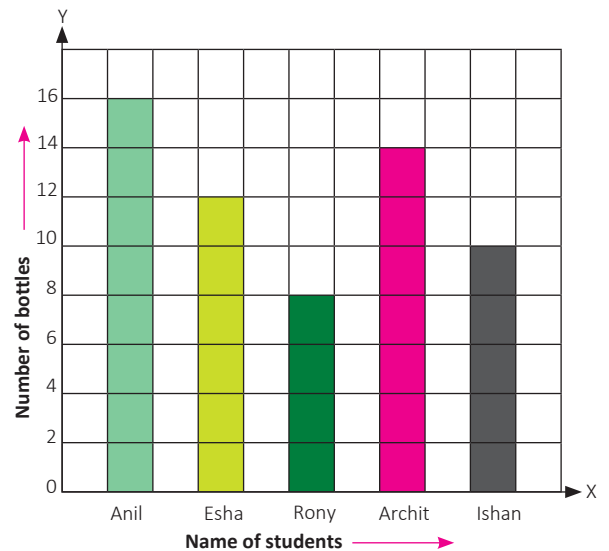
Chapter Assessment

1. (a) (iii) (b) (i) (c) (ii)
2. (a) 8 (b) Red (c) Pink (d) 104

Classes	Number of saplings
I	
II	
III	
IV	
V	
VI	

Key: = 10 Saplings

- (a) 60 (b) 100 (c) IV (d) I (e) 440
4. (a) 120 (b) IV (c) 3 (d) 25 (e) 4
5.



Model Test Paper – 2

- A. 1. (a) 2. (d) 3. (b) 4. (b) 5. (b) 6. (a)
7. (c) 8. (c) 9. (d) 10. (b)
B. 1. 12 2. 3, 3 3. 6, 8 4. Diameter
5. 22, 32 (Answer may vary) 6. bar graph
7. 2355 hours 8. 490700 dm 9. equal 10. Circumference
C. 1. 9 kL 50 L 2. Rohan : ₹ 186, Zoya : ₹ 305.25
3. (a) 41 days, (b) 6 days 4. ₹ 25
5. 19 kg 750 g 6. 1970 m
7. (a) Quadrilateral ABCD (b) A, B, C, D (c) $\overline{AB}$, $\overline{BC}$, $\overline{CD}$, $\overline{DA}$
(d) $\angle ABC$, $\angle BCD$, $\angle CDA$, $\angle DAB$
8. Do it yourself.

