

Key book

Understanding Mathematics

SPECIAL EDITION

3



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EMAIL : progresspublishers@gmail.com

UNIT 1

Page No. 9

1. Yes 2. No 3. Yes 4. Yes

Page No. 14 Worksheet

1. left, 4, right, seven, 4 2. 15 3. 23 4. left, 4 left, 6 5. school 15
6. prayer centre, 10

UNIT 2

Page No. 15

1. 1 9
 10 99
 100 999
2. 1. 99 2. 707 3. 999 4. 67 5. 432
3. 1. Five hundred and five
 2. Six hundred and Ninety three
 3. Seven hundred
 4. Nine hundred and eighty
 5. Four hundred and thirty one

Page No. 16

- | | | | | |
|---------------|------------|------------|------------|------------|
| 4. 1. 6, 4, 7 | 2. 8, 2, 3 | 3. 7, 9, 6 | 4. 4, 4, 4 | 5. 9, 0, 9 |
| 5. 1. 576 | 2. 902 | 3. 800 | 4. 333 | 5. 198 |
| 6. 1. 140 | 150 | 160 | 170 | 180 |
| 2. 120 | 100 | 80 | 60 | 40 |
| 3. 500 | 550 | 600 | 650 | 700 |
| 4. 567 | 467 | 367 | 267 | 167 |
| 7. 1. 210 | 310 | 410 | 510 | |
| 2. 170 | 180 | 190 | 200 | |
| 3. 100 | 150 | 200 | 250 | |
| 8. 1. 770 | 670 | 570 | 470 | |
| 2. 730 | 720 | 710 | 700 | |
| 3. 350 | 300 | 250 | 200 | |

Page No. 17-18

2	2000
3	3000
4	4000
5	5000
6	6000
7	7000
8	8000
9	9000

Page No. 20

- 5370 Five thousand three hundred and seventy
- 3214 Three thousand two hundred fourteen
- 6235 Six thousand two hundred and thirty five

Page No. 21

1.	2148	2149	2150	2151	2152	
	4294	4293	4292	4291	4290	
	4444	5555	6666	7777	8888	
2.	3722	3724	3726	3728	3730	3732
	9328	9330	9332	9334	9336	9338
	5002	5004	5006	5008	5010	5012
3.	1350	1355	1360	1365	1370	1375
	3295	3300	3305	3310	3315	3320
	8605	8610	8615	8620	8625	8630
4.	6352	6362	6372	6382	6392	6402
	3801	3811	3821	3831	3841	3851
	8125	8135	8145	8155	8165	8175
5.	4344	4444	4544	4644	4744	4844
	3105	3205	3305	3405	3505	3605
	8556	8656	8756	8856	8956	9056
6.	2451	3451	4451	5451	6451	7451
	3222	4222	5222	6222	7222	8222
	3500	4500	5500	6500	7500	8500

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- | | | | | | |
|------------|---------|---------|---------|-------|--------|
| 1. 1. No | 2. No | 3. Yes | 4. Yes | 5. No | 6. Yes |
| 2. 1. 3 | 2. 8 | 3. 6 | 4. 4 | 5. 5 | 6. 9 |
| 3. 1. 700 | 2. 3000 | 3. 5000 | 4. 70 | 5. 3 | 6. 0 |
| 4. 1. Yes | 2. No | 3. No | 4. Yes | | |
| 5. 2. 8500 | 3. 4510 | 4. 1459 | 5. 5132 | | |

Page No. 24

- | | | | | |
|------------|--------|---------|---------|---------|
| 1. 1. 7905 | 2. 653 | 3. 8000 | 4. 4004 | 5. 2400 |
|------------|--------|---------|---------|---------|

Page No. 25

- | | | | | |
|------------|---------|---------|---------|---------|
| 1. 1. 6006 | 2. 8020 | 3. 7900 | 4. 5402 | 5. 9999 |
|------------|---------|---------|---------|---------|
2. 1. Nine thousand and one
 2. Six thousand and ten
 3. Seven thousand seven hundred and seven
 4. Four thousand five hundred and twenty
 5. Nine thousand nine hundred and ninety nine
- | | | | | | |
|------------|------|------|------|------|------|
| 3. 1. 1002 | 1003 | 1004 | 1005 | 1006 | 1007 |
| 2. 5759 | 5760 | 5762 | 5763 | 5764 | 5765 |
| 3. 9891 | 9892 | 9893 | 9894 | 9896 | 9897 |
- | | | | |
|---------|---|---|---|
| 4. 1. 3 | 2 | 4 | 6 |
| 2. 7 | 0 | 7 | 4 |
| 3. 9 | 4 | 0 | 9 |
- | | | | |
|---------|------|------|------|
| 5. 1000 | 1001 | 1002 | 1003 |
| 6. 9996 | 9997 | 9998 | 9999 |

Page No. 26

- | | | | | |
|------------|---------|---------|---------|---------|
| 7. 1. 5637 | 2. 6724 | 3. 9001 | 4. 4600 | 5. 8888 |
|------------|---------|---------|---------|---------|
- | | | | |
|----------|-------|--------|------|
| 8. 1. 10 | 2. 10 | 3. 100 | 4. 1 |
|----------|-------|--------|------|
- | | | | |
|------------|---------|---------|---------|
| 9. 1. 5348 | 2. 6784 | 3. 7998 | 4. 9428 |
|------------|---------|---------|---------|
- | | | | |
|-------------|---------|---------|---------|
| 10. 1. 6325 | 2. 2941 | 3. 5740 | 4. 8825 |
|-------------|---------|---------|---------|

Puzzle

- | | | | | |
|---|---|---|---|---|
| 8 | 7 | 5 | 2 | 7 |
| 6 | 6 | 0 | 4 | |
| 3 | 2 | | | |

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

Page No. 28

1. 1. < 2. > 3. = 4. < 5. = 6. < 7. > 8. > 9. <
2. 1. 7682 2. 5631 3. 4514
3. 1. 7055 2. 4465 3. 2006
4. 1. 5050 5105 5510 5570 5650
2. 1982 2189 2198 2891 9812
3. 6467 6476 6647 6674 6746
5. 1. 4231 3241 2431 2143 1243
2. 9768 6697 6689 6078 5280
3. 9999 9990 9909 9009 9000

Page No. 29

1. 1. 400 2. 8001 3. 1000 4. 9999 5. 4630 6. 3871
7. 2790 8. 3100 9. 5778
2. 1. 999 2. 4059 3. 5300 4. 3299 5. 6000 6. 5059
7. 4999 8. 3694 9. 6999
3. 1. 999 Yes 2. 100 Yes
3. We get the successor by adding 1 in the number and predecessor by subtracting 1 in the number.

Page No. 30

1. 1. 2346 2. 1029 3. 1025 4. 3456
2. 1. 7100 2. 7654 3. 3300 4. 5321

MCQ - I

1. 1099
2. 3047
3. 8520
4. 4008
5. Adding 1 to the number
6. >
7. 1234
8. 990
9. 13
10. 3179

Page No. 33

$$7 + 8 = 15$$

$$8 + 7 = 15$$

Page No. 34

$$(5 + 3) + 7 = 15$$

$$5 + (3 + 7) = 15$$

- | | | | | | |
|----------|---------|---------|---------|---------|---------|
| 1. 1. 89 | 2. 83 | 3. 95 | 4. 83 | 5. 45 | 6. 84 |
| 7. 86 | 8. 97 | 9. 86 | 10. 93 | 11. 849 | 12. 879 |
| 13. 667 | 14. 396 | 15. 764 | 16. 843 | 17. 741 | 18. 862 |

Page No. 35

- | | | | | |
|---------------|--------|--------|--------|------|
| 2. 1. = | 2. = | 3. = | 4. = | 5. = |
| 3. 1. 50 → 18 | + | 32 | = | 50 |
| 2. 100 → 27 | + | 73 | = | 100 |
| 3. 1641 → 654 | + | 987 | = | 1641 |
| 4. 1. 190 | 2. 100 | 3. 750 | | |
| 5. 1. 210 | 2. 179 | 3. 225 | 4. 473 | |

Add Mentally

- | | | | | | |
|-------|--------|-------|-------|---------|---------|
| 1. 78 | 2. 365 | 3. 87 | 4. 59 | 5. 6305 | 6. 9145 |
|-------|--------|-------|-------|---------|---------|

Page No. 36

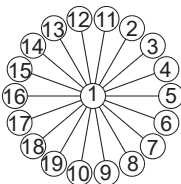
- | | |
|--------------------------|-----------------------|
| 1. 1. 1 ten 4 ones | 2. 2 tens 4 ones |
| 3. 4 tens 5 ones | 4. 9 tens 6 ones |
| 2. 1. 1 hundred 6 tens | 2. 5 hundreds 7 tens |
| 3. 3 hundreds 4 tens | 4. 8 hundreds 2 tens |
| 3. 2. 48 T 5 ones Or 485 | 3. 23 T 7 ones or 237 |
| | 4. 75 T 6 ones or 756 |

Page No. 38

- | | | | | | |
|----------|-------|-------|-------|-------|-------|
| 1. 1. 59 | 2. 87 | 3. 77 | 4. 89 | 5. 67 | 6. 87 |
| 2. 1. 68 | 2. 69 | 3. 77 | 4. 65 | | |

Page No. 39

Puzzle



Add Mentally

1. 75 2. 79 3. 85 4. 250 5. 450 6. 300

1. $1.85, 40 + 45 = 85$ 2. $92, 80 + 12 = 92$

Page No. 40

1. 1. 3689 2. 3899 3. 9857 4. 7699 5. 8359 6. 5684

Puzzle

29	19	33		27	52	17		42	14	34
31	27	23		22	32	42		22	30	38
21	35	25		47	12	37		26	46	18

Page No. 41

1. 1. 6381 2. 4024 3. 7302 4. 8020

MCQ - II

- 73 tens
- 2345
- 4990
- 8888
- 1111
- 5000
- 1001
- =
- 3358
- 10 tens

UNIT 5

Page No. 44 - 45

1. 1. 744 2. 364 3. 421 4. 122 5. 326 6. 123 7. 357 8. 247
9. 316 10. 663 11. 426 12. 647 13. 455 14. 259 15. 218 16. 426
2. 1. 276 2. 177 3. 547 4. 176

Brain Tuner

822, 805, 733, true
397, 368, 283, true

Page No. 46

1. $1.45, 75 - 30 = 45$ 2. $11, 40 - 29 = 11$
2. 1. 33 2. 18 3. 72 4. 47 5. 51 6. 25

Page No. 47

1. $1. 612, 612 + 28 = 640$ 2. $472, 472 + 357 = 829$

1. 1. 5233 2. 4221 3. 2302 4. 5320

Page No. 48

2. 1. 3223 2. 1313 3. 3612 4. 6106 5. 3421 6. 2413

3. 1. 3212 2. 1141 3. 1244 4. 2322

Page No. 50

1. 1. 2757	2. 2112	3. 2472	4. 4138	5. 2203
6. 3590	7. 5804	8. 2923	9. 2446	10. 1652
11. 5178	12. 5677	13. 3445	14. 3296	15. 5009
16. 4575	17. 1424	18. 4744	19. 3223	20. 4366

Puzzle

98 + 76 - 2 - 134 = 38

Page No. 51

1. 1. 1478 2. 156 3. 102 4. 765 5. 2088

6. Monday Tuesday Wednesday

a. 3912 4105 4137

b. 4684 3968 3808

c. 491 d. Mon, Tue e. Mon, Tue

Brain Tuner

1. 1, 7 2. 2, 5 3. 5, 2 4. 8, 5

Page No. 52

1. 326 2. 390 3. 32 buns 37 cookies

Page No. 53

1. 1. 8 2. 8

2. 1. 55 2. 3

3. 1. 3355 2. 310

Page No. 60

4. 1. 410 2. 323 3. 4727

MCQ - II

1. 700

2. 10

3. 6993

4. 10 tens

5. 49

UNIT 6

Page No. 57

1. 1. 20 2. 60 3. 40 4. 170 5. 340
6. 560 7. 3800 8. 5920 9. 6270
2. 1. 300 2. 500 3. 200 4. 2400 5. 4500
6. 7700 7. 1100 8. 2100 9. 5500
1. 1. 91, $40 + 50 = 90$ 2. 80, $30 + 50 = 80$
3. 112, $70 + 50 = 120$ 4. 57, $20 + 40 = 60$

Page No. 58

1. 1. 567, $400 + 200 = 600$ 2. 1028, $500 + 500 = 1000$
3. 600, $400 + 200 = 600$ 4. 897, $600 + 300 = 900$
1. 1. 53, $90 - 30 = 60$ 2. 24, $50 - 20 = 30$
3. 23, $70 - 40 = 30$ 4. 33, $50 - 20 = 30$

UNIT 7

Page No. 59

1. 1. 5 2. 5 3. 4 4. 9
2. 1. 72 2. 48 3. 36 4. 56 5. 60 6. 45
3. 1. + 2. $\times$ 3. + 4. $\times$ 5. + 6. $\times$
4. 1. 63 2. 450 3. 500

Page No. 60

1. 1. 16 2. 29 3. 5 4. 5, 47 5. 15
6. 26 7. 45, 52 8. 29, 76 9. 86, 98 10. 90, 61

Page No. 61

2. 1. 14 2. 34 3. 30 4. 14
3. 1. 9 2. 0 3. 41 4. 218 5. 0 6. 0
4. 2. $7 \times 6 = 6 \times 7 = 42$ 3. $9 \times 3 = 3 \times 9 = 27$
4. $35 \times 7 = 7 \times 35 = 245$ 5. $25 \times 8 = 8 \times 25 = 200$
6. $17 \times 15 = 15 \times 17 = 255$
5. 2. $(3 \times 7) \times 8 = 3 \times (7 \times 8) = 168$
3. $(6 \times 5) \times 9 = 6 \times (5 \times 9) = 270$
4. $(11 \times 12) \times 15 = 11 \times (12 \times 15) = 1980$
5. $(50 \times 20) \times 10 = 50 \times (20 \times 10) = 10000$

Puzzle

1. 1.32×2 2. 22×4 3. 24×2 4. 32×4

Page No. 62

1. 1. 639 2. 862 3. 903 4. 777
5. 446 6. 1206 7. 488 8. 900
9. 696 10. 484 11. 808 12. 399
13. 64 8 14. 808 15. 848 16. 990

Page No. 63

1. 1. 642 2. 1220 3. 605 4. 702
5. 548 6. 843 7. 381 8. 5490

Puzzle

1. 1. 51×4 2. 72×5 3. 36×4 4. 84×3
5. 84×4 6. 72×6

Page No. 64

1. 1. 1362 2. 4734 3. 3969 4. 2070
5. 2565 6. 1416 7. 3280 8. 3552
9. 996 10. 3816 11. 6643 12. 1760

Page No. 65

1. 1. 875 2. 578 3. 1725 4. 5103
5. 2716 6. 7912 7. 1638

Puzzle

$753 \times 9 = 6777$ 2. $579 \times 3 = 1737$

Page No. 66

1. 1. 100 5. 9000
2. 230 6. 7070
3. 520 7. 7630
4. 3500 8. 33100

Page No. 68

1. 1. 80
2. 300
2. 1. 3500
2. 1800

3. 1. 360
2. 930
4. 1. 3000
2. 5000

Page No. 68

1. 1. 612 2. 2730 3. 2184 4. 3015

Page No. 70

1. 1. 598 2. 918 3. 901
2. 1. 352 2. 1150 3. 888 4. 918 5. 2520 6. 1932

MCQ - IV

1. 100
2. 10
3. 100
4. 1
5. 300×6
6. 9000
7. 100
8. 90
9. 1210
10. $20 \times 40 \times 10$

UNIT 8

Page No. 74

1. 1. 4 4. 5 7. 3
2. 6 5. 9 8. 3
3. 6 6. 6 9. 10
2. 1. 9 4. 8 7. 9
2. 7 5. 4 8. 8
3. 7 6. 9 9. 8

Puzzle

$2 \times 3 = 6$
 $6 + 6 = 12$

$$12 \div 3 = 4$$

$$4 - 2 = 2$$

2

Page No. 76

1. 1. 35, 28, 21, 14, 7, 0

6, 6

2. 1. 63, 54, 45, 36, 27, 18, 9, 0

8, 8

2. 60, 50, 40, 30, 20, 10, 0

7, 7

3. 1. 6 2. 9 3. 5 4. 5 5. 3 6. 9 7. 3 8. 6

Page No. 78

1. 1. (a) $5 \times 4 = 20$ (b) $4 \times 5 = 20$

2. (a) $9 \times 5 = 45$ (b) $5 \times 9 = 45$

2. 1. (a) $36 \div 9 = 4$ (b) $36 \div 4 = 9$

2. (a) $72 \div 9 = 8$ (b) $72 \div 8 = 9$

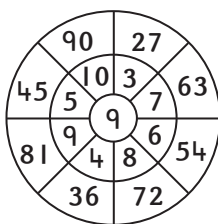
Page No. 78

1. 1. 5 2. 24 3. 136 4. 1 5. 1 6. 1 7. 0 8. 0 9. 0

Page No. 79

1. 1. 14 2. 27 3. 39 4. 18 5. 16 6. 14 7. 33 8. 13 9. 29 10. 13

Brain Tuner



Page No. 80

1. 1. 116 2. 116 3. 39 4. 109 5. 113 6. 109
7. 139 8. 242 9. 123 10. 202 11. 120 12. 131

Page No. 81

1. 1. 1697 2. 1247 3. 1116 4. 672 5. 1423 6. 1841
7. 534 8. 2484

Page No. 82

1. 1. 8 2. 31 3. 48 4. 64 5. 211 6. 508
 7. 713 8. 92

Page No. 84

1. 1. Q-4, R-1 2. Q-2, R-2 3. Q-1, R-3 4. Q-9, R-5
 5. Q-7, R-5 6. Q-11, R-5 7. Q-4, R-4 8. Q-5, R-5
 9. Q-88, R-1 10. Q-54, R-2 11. Q-36, R-2 12. Q-33, R-4
 2. 1. 8 2. 2 3. 22 Boxes 1 Pencil

Page No. 85

1. 1. 6 9. 4
 2. 9 10. 6
 3. 5 11. 9
 4. 30 12. 1
 5. 70 13. 36
 6. 101 14. 44
 7. 205 15. 80
 8. 630 16. 90

Page No. 86

Q	R	Q	R
1. 1. 6	5	7. 4	75
2. 8	8	8. 9	65
3. 12	6	9. 7	98
4. 86	2	10. 90	40
5. 154	3	11. 25	76
6. 829	1	12. 66	77

Page No. 87

1. 1. $\div$ 5. $\times$
 2. $-$ 6. $\times$
 3. $\div$ 7. $+$
 4. $-$ 8. $+$
 2. 1. $\div, \times$ 4. $\times, +$
 2. $-, \div$ 5. $\div, +$
 3. $\div, -$ 6. $-, +$
 3. 1. 3666 add 2. 38 divide

Page No. 88

1. 24 2. 37 3. 514 4. 21 5. 30 6. 35 7. 1250
8. 32 9. 160 10. 66

MCQ - V

1. 30 2. 9
3. 15 4. <
5. 8 6. $84 \div 7$
7. 13 8. 90
9. 4 10. 14

UNIT 9

Page No. 91-92

1. 1. 8, 11, 14, 17
2. 12, 24, 48, 96
3. 40, 35, 30, 25
4. 15, 31, 63
5. 14, 26, 50, 98
6. 11, 19, 35, 67
7. 13, 29, 61, 125
2. 1. 2 2. 5 3. 3
3. 1. 2 2. 3
4. 1. 18, 21, 24, 27, 30, 33
2. 13, 17, 21, 25, 29, 33
3. 17, 22, 27, 32, 37, 42

Page No. 93 Brain Tuner

6, 3, 3, 5

Page No. 94

1. 1. 38, 40, 42, 44, 46, 48
2. 118, 120, 122, 124, 126, 128
3. 990, 992, 994, 996, 998
2. 1. 17, 19, 21, 23, 25, 27
2. 781, 783, 785, 787, 789, 791
3. 995, 993, 991, 989, 987, 985

3. 1. 146, 148, 150, 152, 154, 156, 158, 160, 162, 164
2. 501, 503, 505, 507, 509
3. even
4. even
5. odd number
6. odd number
4. odd = 25, 121, 301 even = 42, 28, 112, 424, 650

Page No. 95

5. 1. $3714 + 2964 = 6678$, even number
2. $3849 + 2751 = 6600$, even number
1. 1. 80 50
800 500
8000 5000
2. 1. 36663 6666
366663 66666
3. 111, 222, 333, 444, 555, 666, 777

UNIT 10

Page No. 96

2. 5, 7

Page No. 97

2. 3, 12

Page No. 98

- | | | | |
|-------------|----------------|-------------|----------------|
| 1. 4, 2 | 2. 8, 4 | 3. 12, 6 | 4. 10, 5 |
| Half | Quarter | Half | Quarter |
| 2. 1. 2 | 1 | 4. 16 | 8 |
| 2. 6 | 3 | 5. 20 | 10 |
| 3. 14 | 7 | 6. 44 | 22 |

Page No. 98 Visual Thinking

No, because Joy's 1 part is equal to a Kushi's 2 parts.

Page No. 99

2. 4, 8

Page No. 100 Talk About It

There are 7 apples in all. $\frac{5}{7}$ shows that 5 apples out of 7 are yellow.

Page No. 101

1. $\frac{2}{6}$ 2. $\frac{5}{9}$ 3. $\frac{3}{5}$ 4. $\frac{8}{10}$ 5. $\frac{1}{4}$ 6. $\frac{7}{8}$ 7. $\frac{4}{8}$ 8. $\frac{3}{6}$ 9. $\frac{6}{10}$

Page No. 102

2. 1. $\frac{3}{4}$ 2. $\frac{2}{3}$ 3. $\frac{1}{7}$ 4. $\frac{1}{4}$ 5. $\frac{3}{5}$ 6. $\frac{1}{2}$

3. 1. numerator 2. denominator 3. numerator 4. denominator
5. numerator 6. denominator

4. 1. $\frac{3}{5}$ 2. $\frac{3}{7}$ 3. $\frac{5}{14}$ 4. $\frac{4}{5}$ or 16 5. $\frac{1}{2}$ or 5

Page No. 103

1. 1. $\frac{2}{6}$ 2. $\frac{2}{8}$

2. 1. $\frac{1}{2} = \frac{2}{4} = \frac{3}{6}$ 2. $\frac{1}{3} = \frac{2}{6} = \frac{3}{9}$ 3. $\frac{1}{4} = \frac{2}{8} = \frac{3}{12}$

Page No. 104

1. 2. $\frac{6}{18}$ 3. $\frac{4}{16}$ 4. $\frac{3}{15}$ 5. $\frac{2}{12}$

Page No. 105

$$24 \div 2 = 12$$

$$18 \div 3 = 6$$

$$15 \div 5 = 3$$

MCQ - VI

1. Fractional numbers

2. 5

3. $\frac{3}{5}$

4. $\frac{2}{5}$

5. 6

6. $\frac{2}{6}$

7. 10

8. $\frac{2}{6}$
 9. $\frac{2}{8}$
 10. $\frac{4}{10}$

UNIT 11

Page No. 107

1. 1. 4 2. 10 3. 5 4. 20 5. 5
 2. 1. 50 2. 30 3. 10 4. 4 5. 50

Page No. 109

1. 1. 900 p 2. 2500 p 3. 10000 p 4. 1875 p 5. 5825 p
 6. 505 p 7. 1620 p 8. 7007 p 9. 9300 p 10. 10015 p
 2. 1. 16.15 2. 70.20 3. 45.65 4. 7.10 5. 9.05
 6. 4.09
 3. 1. 50 20 p 2. 3 50 p 3. 10 37 p 4. 2 66 p 5. 10 00 p
 6. 80 00 p 7. 90 90 p 8. 20 01 p
 4. 1. 16 37 p 2. 15 65 p 3. 40 50 p 4. 100 63 p 5. 30 03 p
 6. 100 25 p 7. 125 75 p 8. 64 05 p

Page No. 110

1. 1. 50 2. 75 3. 100 4. 125 5. 30 80 p
 6. 36 50 7. 85 75 8. 588 25 9. 768 75 10. 758 00
 11. 596 75 12. 465 80

Page No. 111

1. 1. ₹ 578.75 2. ₹ 473.20 3. ₹ 150.25
 4. (1) ₹. 83.50 (2) ₹ 70.25 (3) ₹ 95.75

Page No. 112

1. 1. 50 2. 25 3. 20 4. 40 5. 57 25
 6. 65 25 7. 18 25 8. 61 50 9. 101 25 10. 292 50
 11. 124 60 12. 375 30

Page No. 113

2. 1. 8.10 2. 11.45 3. 29.13 4. 23.07 5. 10.82 6. 29.45
 3. 1. 17.84 2. 37.50 3. 314.25 4. 725 5. 13.25

Page No. 114

1. 1. 8.50 2. 19.50 3. 11.00 4. 48.25 5. 51.00 6. 82.50
 7. 300.00 8. 184.00 9. 319.50 10. 372.75 11. 542.00 12. 326.00

Page No. 115

2. 1. ₹582 2. ₹4950 3. ₹1302 4. ₹76.50, 23.50
 5. 2341.75 6. 500
3. 1. ₹1 50 *p* ₹2 50 *p*
 2. ₹2 25 *p* ₹3 75 *p*
 3. ₹15 00 *p* ₹25 00 *p*
 4. ₹21 75 *p* ₹36 25 *p*
 5. ₹46 50 *p* ₹77 50 *p*

Page No. 116

1. 12 2. 8 3. 39 4. 34 5. 2.19 6. 7.01 7. 9.06 8. 19.80

Page No. 118

1. 59 2. 126

MCQ - VII

1. one paisa 2. 25
 3. ₹3000 4. 150 *p*
 5. ₹2.50 6. ₹29
 7. ₹352.50 8. ₹300
 9. ₹100 10. ₹10

UNIT 12**Page No. 121**

1. 1. 63000 *m* 2. 13121 *m* 3. 46015 *m* 4. 7213 *m* 5. 133035 *m*
 6. 465076 *m*
2. 1. 260 *dm* 2. 401 *dm* 3. 445 *dm* 4. 648 *dm* 5. 1245 *dm*
 6. 1331 *dm*

Page No. 122

3. 1. 120 *cm* 2. 105 *cm* 3. 445 *cm* 4. 488 *cm* 5. 242 *cm*
 6. 761 *cm*

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4. 1. 100 *cm* 2. 723 *cm* 3. 1912 *cm* 4. 4207 *cm* 5. 12040 *cm*
 6. 24936 *cm*

5. 1. 1.23 2. 1 *m* 3. 2.10 *m* 4. 32 *m*
 6. 1. .012 *m* 2. .122 *km* 3. 1 *km* 4. 4.1 *km*

Page No. 124

1. 1. 12.42 2. 8.74 3. 14.00 4. 95.39 5. 31.10 6. 100.84
 2. 1. 4*m* 20*cm* 2. 2*m* 90*cm*

Brain Tuner

1. 20 2. 80 3. 2

Page No. 125

3. 1. 9.728 2. 10.200 3. 13.600 4. 31.120 5. 65.266 6. 36.110
 4. 1. 124*km* 200*m* 2. 122*km* 625*m*

Page No. 126

1. 1. 7*m* 62*cm* 2. 12*m* 20*cm* 3. 53*m* 22*cm* 4. 43*m* 85*cm*
 5. 16*m* 88*cm* 6. 42*m* 92*cm*
 2. 1. 7*m* 30*cm* 2. 43*m* 55*cm*

Brain Tuner

1. *cm* 2. *m* 3. *km* 4. *mm*

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3. 1. 23*km* 26*m* 2. 19*km* 05*m* 3. 23*km* 84*m* 4. 24*km* 05*m*
 5. 22*km* 840*m* 6. 42*km* 199*m*
 4. 1. Mumbai, 648*km* 2. Peter, 25*km* 600*m* 3. 320*km* 125*m*

Page No. 128

1. 1. *kg* 2. *g* 3. *g* 4. *kg*
 2. 1. 40 2. 2000 3. 1
 3. 1. 750*g* 2. 2*kg* 500*g* 3. 1*kg* 250*g*

Page No. 129

1. 1. 7000*g* 2. 5020*g* 3. 12100*g* 4. 31250*g* 5. 43500*g* 6. 59750*g*
 2. 1. 7*kg* 2. 2*kg* 400*g* 3. 8*kg*

Page No. 130

1. 1. 13*kg* 950*g* 2. 13*kg* 875*g* 3. 12*kg* 875*g* 4. 97*kg* 800*g*
 5. 170*kg* 730*g* 6. 91*kg* 906*g*
 2. 1. 5*kg* 750*g* 2. 93*kg* 770*g*

Page No. 131

1. 1. 4kg 650g 2. 4kg 440g 3. 4kg 303g 4. 17kg 578g
 5. 12kg 367g 6. 65kg 257g
 2. 1. 3kg 800g 2. 14kg 750g 3. 54kg 270g

Page No. 132

1. 1. ml 2. l 3. l 4. ml
 2. 1. 150 2. 12 3. 5
 3. 1. 600ml 2. 350ml 3. 750ml

Page No. 133

1. 1. 8000ml 2. 3200ml 3. 14325ml 4. 33550ml 5. 63750ml 6. 71930ml
 2. 1. .003l 2. 1l 200ml 3. 4l

Page No. 134

1. 1. 12l 680ml 2. 11l 573ml 3. 13l 267ml 4. 32l 690ml
 5. 83l 275ml 6. 88l 955ml
 2. 1. 4l 450ml 2. 6l 800ml 3. 24l 630ml

Page No. 135

1. 1. 3l 405ml 2. 5l 800ml 3. 5l 480ml 4. 22l 435ml
 5. 54l 213ml 6. 333l 405ml
 2. 1. 4l 100ml 2. 9l 375ml

MCQ - VIII

1. millimetre 2. 20cm
 3. 3000m 4. 500ml
 5. kilogram 6. 170l
 7. litre 8. 1000
 9. 17l 10. 800ml

UNIT 13**Page No. 140**

1. 2. half past 9, 9:30 3. Quarter to 8, 1:45 4. quarter to 6, 6:15
 5. 8 o'clock 6. half past 2, 2:30
 2. 1. 10 minutes to 4, 3:50 2. 10 minutes past 5, 5:10
 3. 25 minutes to 11, 10:35

Page No. 141

2. 1. 10:25 a.m. 2. 12:20 a.m. 3. 3:45 p.m. 4. 6:50 p.m.
 5. 4:10 a.m. 6. 9:30 p.m.
3. 1. minutes 2. hours 3. p.m., a.m.

Page No. 142

5. 1. 8:55 2. 5:00 3. 9:25 4. 5:15
 6. 1. 30min 2. 14 hrs 3. 25min 4. 4hrs 15min

Page No. 144 Worksheet

1. 10:07 a.m. 2. 199 3. 199 4. 2 hours 52 m 5. 1:35 p.m.
 6. 414 7. 350 8. 6h 20m 9. 172, 2h 47m, 120 10. 163, 452

MCQ - IX

1. 11:15
 2. 15
 3. 7:45
 4. 5:45
 5. 12 o'clock
 6. 2 times
 7. 6 o'clock
 8. 12 hours
 9. 195 minutes
 10. 63 hours

UNIT 14**Page No. 149**

- | 1. cylinder | cube | cone | sphere | cuboid |
|-------------|------|------|--------|--------|
| 2 | 6 | 1 | 0 | 6 |
| 1 | 0 | 1 | 1 | 0 |
| 2 | 12 | 1 | 0 | 12 |
| 0 | 8 | 1 | 0 | 8 |
2. 1. cone 2. sphere 3. cylinder 4. cube



UNIT 15

Page No. 153

1. 1. 5cm 2. 9cm 3. 11cm 4. 8cm
3. 1. AB BC CA 2. PQ QR RS SP
4. No

Page No. 156

1. 1. ✓ 2. ✗ 3. ✓ 4. ✗ 5. ✓
2. 1. 4, 4 2. 3, 3 3. equal 4. opposites 5. No, No 6. 2
3. 8 4. 14

UNIT 16

Page No. 158

1. 4cm 5cm 7cm 16cm
2. 5cm 5cm 5cm 5cm 20cm
3. 7cm 7cm 3cm 3cm 20cm

Page No. 159

1. 1. 12 2. 6 3. 9
2. 1. 15 sq cm 2. 20 sq cm 3. 9 sq cm

Page No. 160 Worksheet

1. 1. 16cm, 7sq cm 2. 10cm, 6sq cm 3. 4cm, 1sq, cm
4. 12cm, 8sq, cm
2. A

UNIT 17

Page No. 161

1. 1. 14 2. 12 3. 16 4. 9
2. ~~###~~ ~~////~~
~~###~~ /
~~###~~
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Page No. 162

3. 1. 10 2. bus 3. plane 4. 3 5. 23
4. 10 4 1 5

Page No. 163

4. 1. 10 2. 8 3. 2 4. 30

Page No. 164

1. 70 30 50 60 90 40
1. 80 2. 30 3. 90 4. Saturday 5. Wednesday 6. 420

Page No. 165

5 5 7 16 12 45
1. 17 2. 11 3. 4 5. 45

Model Test Paper

1. 1. 3 2. 10 3. 2
2. $47 + 10 + 12 = 69$
3. 1. 85, 9 2. 75, 5, 1
4. $56, 80 - 24 = 56$
5. 30
6. 1. 3 2. 6
7. 1. $18m\ 50cm$ 2. $22kg\ 100g$ 3. $16l\ 250ml$ 4. $5km\ 500m$
8. 1. 4608 2. 28864 3. 38610 4. 63992
9. 1. Q 1697 R 0 2. Q 534 R 0
10. 16
11. 918
12. AB, BC, CD, DA
14. three
15. 46:00
16. 1. Red 2. Green 3. 4 4. 5 5. 40 6. 22
17. 1. 1125 2. 900 3. 11:50 4. 992

