

Key to

2

Soaring Higher and Higher in

MATHEMATICS



PROGRESS PUBLISHERS

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1. NUMBERS UP TO 999

Page no. 6

- | | | |
|-------------|-----------|-----------|
| 1. a. 2 two | b. 5 five | c. 9 nine |
| 2. a. > | b. < | c. = |
| 3. a. 3 | b. 6 | c. 8 |
| 4. 4 | | |
| 5. 6 | | |
| 6. 1 | | |
| 7. 9 | | |

Page no. 7

1. 9 and 1 more make 10 Ten
- | | | |
|-----------------|----------------|----------------|
| 2. a. 11 Eleven | b. 12 Twelve | c. 13 Thirteen |
| d. 14 Fourteen | e. 15 Fifteen | f. 16 Sixteen |
| g. 17 Seventeen | h. 18 Eighteen | i. 19 Nineteen |

Page no. 8

- | | | |
|-------------------------------|-------|-------|
| 3. a. < | b. > | c. < |
| d. = | e. > | f. > |
| 4. a. 11 | b. 15 | c. 18 |
| 5. 13 14 15 16 17 | | |
| 6. 19 18 17 16 15 | | |
| 7. a. 1 | b. 5 | c. 10 |
| 8. Manisha | | |

Page no. 9

1. 19 and 1 more make 20 Twenty
- | | |
|---------------------|------------------|
| 2. a. 21 Twenty-One | b. 32 Thirty-Two |
| c. 43 Forty-three | |

Page no. 10

- | | |
|-------------------|--------------------|
| d. 54 Fifty-four | e. 65 Sixty-five |
| f. 76 Seventy-six | g. 87 Eighty-seven |
| h. 99 Ninety-nine | |

Page no. 11

- | | | |
|----------|-------|-------|
| 3. a. 16 | b. 26 | c. 33 |
| d. 44 | e. 55 | f. 66 |
| g. 74 | h. 41 | i. 88 |

- | | | |
|----------------------|-------------------|-------|
| 4. a. 32 | b. 46 | c. 56 |
| d. 62 | e. 98 | f. 72 |
| g. 83 | h. 54 | i. 92 |
| 5. a. < | b. = | c. < |
| d. > | e. > | f. < |
| 6. a. 29, 92, 22, 99 | b. 37, 73, 33, 77 | |
| c. 48, 84, 44, 88 | d. 65, 56, 55, 66 | |

Page no. 12

- | | | |
|----------------------------------|------------|------------|
| 7. a. 28 | d. 35 | g. 66 |
| b. 44 | e. 60 | h. 85 |
| c. 63 | f. 78 | i. 98 |
| 8. a. 29 45 52 67 89 | | |
| b. 54 68 74 75 80 | | |
| 9. a. 89 68 58 45 17 | | |
| b. 94 88 78 64 23 | | |
| 10. a. 20 4 | b. 30 6 | c. 50 7 |
| d. 60 2 | e. 80 4 | f. 90 8 |

Page no. 14

One hundred	100
Two hundreds	200
Three hundreds	300
Four hundreds	400
Five hundreds	500
Six hundreds	600
Seven hundreds	700
Eight hundreds	800
Nine hundreds	900
Ten hundreds	1000

Page no. 16

- | | |
|--------|-------------------------|
| a. 176 | One hundred seventy-six |
| b. 289 | Two hundred eighty-nine |

Page no. 17

- | | |
|--------|---------------------------|
| c. 353 | Three hundred fifty-three |
| d. 430 | Four hundred thirty |
| e. 514 | Five hundred fourteen |
| f. 642 | Six hundred forty-two |
| g. 765 | Seven hundred sixty-five |

Page no. 18

h. 827 Eight hundred twenty-seven

i. 950 Nine hundred fifty

Page no. 19**Puzzle**

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Page no. 20

1.	200	201	202	203	204	205	206	207	208	209
	210	211	212	213	214	215	216	217	218	219
	220	221	222	223	224	225	226	227	228	229
	230	231	232	233	234	235	236	237	238	239
	240	241	242	243	244	245	246	247	248	249
	250	251	252	253	254	255	256	257	258	259
	260	261	262	263	264	265	266	267	268	269
	270	271	272	273	274	275	276	277	278	279
	280	281	282	283	284	285	286	287	288	289
	290	291	292	293	294	295	296	297	298	299
2.	300	301	302	303	304	305	306	307	308	309
	310	311	312	313	314	315	316	317	318	319
	320	321	322	323	324	325	326	327	328	329
	330	331	332	333	334	335	336	337	338	339
	340	341	342	343	344	345	346	347	348	349
	350	351	352	353	354	355	356	357	358	359
	360	361	362	363	364	365	366	367	368	369
	370	371	372	373	374	375	376	377	378	379
	380	381	382	383	384	385	386	387	388	389
	390	391	392	393	394	395	396	297	398	399

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3.	400	401	402	403	404	405	406	407	408	409
	410	411	412	413	414	415	416	417	418	419
	420	421	422	423	424	425	426	427	428	429
	430	431	432	433	434	435	436	437	438	439
	440	441	442	443	444	445	446	447	448	449
	450	451	452	453	454	455	456	457	458	459
	460	461	462	463	464	465	466	467	468	469
	470	471	472	473	474	475	476	477	478	479
	480	481	482	483	484	485	486	487	488	489
	490	491	492	493	494	495	496	497	498	499

4.	500	501	502	503	504	505	506	507	508	509
	510	511	512	513	514	515	516	517	518	519
	520	521	522	523	524	525	526	527	528	529
	530	531	532	533	534	535	536	537	538	539
	540	541	542	543	544	545	546	547	548	549
	550	551	552	553	554	555	556	557	558	559
	560	561	562	563	564	565	566	567	568	569
	570	571	572	573	574	575	576	577	578	579
	580	581	582	583	584	585	586	587	588	589
	590	591	592	593	594	595	596	597	598	599

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5.	600	601	602	603	604	605	606	607	608	609
	610	611	612	613	614	615	616	617	618	619
	620	621	622	623	624	625	626	627	628	629
	630	631	632	633	634	635	636	637	638	639
	640	641	642	643	644	645	646	647	648	649
	650	651	652	653	654	655	656	657	658	659
	660	661	662	663	664	665	666	667	668	669
	670	671	672	673	674	675	676	677	678	679
	680	681	682	683	684	685	686	687	688	689
	690	691	692	693	694	695	696	697	698	699

6.	700	701	702	703	704	705	706	707	708	709
	710	711	712	713	714	715	716	717	718	719
	720	721	722	723	724	725	726	727	728	729
	730	731	732	733	734	735	736	737	738	739
	740	741	742	743	744	745	746	747	748	749
	750	751	752	753	754	755	756	757	758	759
	760	761	762	763	764	765	766	767	768	769
	770	771	772	773	774	775	776	777	778	779
	780	781	782	783	784	785	786	787	788	789
	790	791	792	793	794	795	796	797	798	799

Page no. 23

7.	800	801	802	803	804	805	806	807	808	809
	810	811	812	813	814	815	816	817	818	819
	820	821	822	823	824	825	826	827	828	829
	830	831	832	833	834	835	836	837	838	839
	840	841	842	843	844	845	846	847	848	849
	850	851	852	853	854	855	856	857	858	859
	860	861	862	863	864	865	866	867	868	869
	870	871	872	873	874	875	876	877	878	879
	880	881	882	883	884	885	886	887	888	889
	890	891	892	893	894	895	896	897	898	899

8.	900	901	902	903	904	905	906	907	908	909
	910	911	912	913	914	915	916	917	918	919
	920	921	922	923	924	925	926	927	928	929
	930	931	932	933	934	935	936	937	938	939
	940	941	942	943	944	945	946	947	948	949
	950	951	952	953	954	955	956	957	958	959
	960	961	962	963	964	965	966	967	968	969
	970	971	972	973	974	975	976	977	978	979
	980	981	982	983	984	985	986	987	988	989
	990	991	992	993	994	995	996	997	998	999

Page no. 24

1.
 - a. 125 - One hundred twenty-five
 - b. 234 - Two hundred thirty-four
 - c. 356 - Three hundred fifty-six
 - d. 478 - Four hundred seventy-eight
 - e. 590 - Five hundred ninety
 - f. 601 - Six hundred one
 - g. 786 - Seven hundred eighty-six
 - h. 823 - Eight hundred twenty-three
 - i. 997 - Nine hundred ninety-seven
2.
 - a. One hundred thirty-two
 - b. Two hundred fifty-six
 - c. Three hundred forty-nine
 - d. Four hundred twenty-two
 - e. Five hundred fifty
 - f. Six hundred seventy-one
 - g. Seven hundred twenty-four
 - h. Eight hundred forty-nine
 - i. Nine hundred ninety

Page no. 25

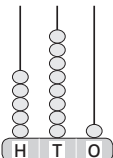
1.

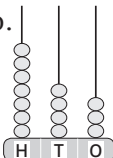
a.	294
d.	716
g.	504

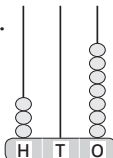
b.	450
e.	648
h.	756

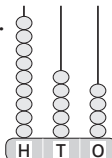
c.	382
f.	972

2.

a.	
----	---

b.	
----	---

c.	
----	---

d.	
----	---

Page no. 27

- | | | |
|-------------|-------------|-------------|
| a. 300 80 1 | b. 400 90 6 | c. 500 60 7 |
| d. 600 60 6 | e. 800 20 6 | f. 100 20 5 |
| g. 200 80 9 | h. 400 70 0 | i. 300 10 6 |
| j. 700 90 5 | k. 800 10 1 | l. 900 90 9 |

2. Place Value Face Value

- | | |
|--------|---|
| a. 90 | 9 |
| b. 1 | 1 |
| c. 300 | 3 |
| d. 60 | 6 |
| e. 500 | 5 |
| f. 9 | 9 |
| g. 700 | 7 |
| h. 4 | 4 |
| i. 10 | 1 |
| j. 8 | 8 |

Page no. 28

- | | |
|----------------------------|-------------------------|
| 1. a. $294 - 200 + 90 + 4$ | d. $584 - 500 + 80 + 4$ |
| b. $721 - 700 + 20 + 1$ | e. $698 - 600 + 90 + 8$ |
| c. $345 - 300 + 40 + 5$ | f. $837 - 800 + 30 + 7$ |
| 2. a. $100 + 70 + 4$ | |
| b. $300 + 00 + 2$ | |
| c. $500 + 10 + 6$ | |
| 3. a. 429 | b. 740 c. 694 |
| 4. a. 351 | d. $600 + 30 + 7$ |
| b. $400 + 20 + 6$ | e. 798 |
| c. 542 | f. $800 + 60 + 0$ |

Page no. 29

- | | | |
|-----------|--------|--------|
| 1. a. 245 | b. 570 | c. 702 |
| d. 356 | e. 689 | f. 963 |
| 2. a. 128 | b. 760 | c. 815 |
| d. 486 | e. 531 | f. 903 |
| 3. a. 101 | b. 699 | c. 252 |
| d. 330 | e. 547 | f. 814 |

- | | | |
|-----------|--------|--------|
| 4. a. 170 | b. 499 | c. 677 |
| d. 344 | e. 437 | f. 923 |
| 5. a. 375 | b. 999 | |

Page no. 32

- | | | |
|---------|------|------|
| 1. a. = | e. < | i. < |
| b. > | f. > | j. = |
| c. < | g. > | k. > |
| d. < | h. = | l. < |
-
- | | |
|-----------|--------|
| 2. a. 415 | e. 925 |
| b. 642 | f. 675 |
| c. 578 | g. 753 |
| d. 619 | h. 872 |
-
- | | |
|-----------|--------|
| 3. a. 101 | e. 507 |
| b. 211 | f. 513 |
| c. 103 | g. 860 |
| d. 467 | h. 777 |
-
- | |
|------------------------|
| 4. a. 479 < 525, Jimmy |
| b. 125 < 210, Red |
| c. 247 < 285, Tuesday |

Page no. 34

- | | | | | | |
|-------|-----|-----|-----|-----|-----|
| 1. a. | 234 | 247 | 256 | 271 | 290 |
| b. | 310 | 351 | 365 | 425 | 450 |
| c. | 200 | 500 | 600 | 700 | 900 |
| d. | 344 | 444 | 524 | 654 | 748 |
| e. | 820 | 840 | 890 | 920 | 940 |
-
- | | | | | | |
|-------|-----|-----|-----|-----|-----|
| 2. a. | 190 | 170 | 150 | 140 | 120 |
| b. | 888 | 777 | 666 | 555 | 222 |
| c. | 635 | 587 | 425 | 399 | 240 |
| d. | 714 | 675 | 305 | 254 | 180 |
| e. | 800 | 500 | 400 | 300 | 100 |

Skill Practice

- | | | | | |
|----|-----|-----|-----|-----|
| a. | 414 | 417 | 429 | 460 |
| b. | 678 | 650 | 620 | 611 |

Page no. 36

- | 1. Smallest number | Greatest number |
|--------------------|-----------------|
| a. 276 | 762 |
| b. 145 | 541 |
| c. 389 | 983 |
| d. 267 | 762 |
| e. 348 | 843 |
| f. 209 | 920 |
| g. 178 | 871 |
-
- | | | | | | |
|-----------|-----|-----|-----|-----|-----|
| 2. a. 258 | 285 | 528 | 582 | 825 | 852 |
| b. 416 | 461 | 164 | 146 | 614 | 641 |
| c. 729 | 792 | 297 | 279 | 972 | 927 |
| d. 835 | 853 | 358 | 385 | 583 | 538 |
| e. 697 | 679 | 976 | 967 | 769 | 796 |

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Revision Exercise

1. 143 162
2. a. Three hundred forty-one
b. Four hundred seventy-six
3. a. 5 4 3
Place value 500 40 3 Face value 5 4 3
- b. 6 7 8
Place value 600 70 8 Face value 6 7 8
4. a. 255 b. 301 c. 790
5. a. > b. = c. <
6. Ascending order Descending order
a. 506, 560, 605, 650 650, 605, 560, 506
b. 165, 259, 327, 418 418, 327, 259, 165
7. $500 + 60 + 8$

Page no. 38

Mental Maths

- | | |
|-------------------------------|----------------------------|
| 1. a. greatest 2-digit number | b. greatest 3-digit number |
| c. nine hundred seventy-five | d. 500 ones |
| e. 500 | f. 729 |
| g. 442 | h. 509 |

Skill Practice

$\overset{a}{\rightarrow} 1$	4	$\overset{b}{\downarrow} 7$				
		5				
$\overset{c}{\downarrow} 6$		$\overset{d}{\rightarrow} 2$	9	$\overset{e}{\downarrow} 3$		$\overset{f}{\downarrow} 9$
2				8		4
$\overset{g}{\rightarrow} 4$	7	1		$\overset{h}{\rightarrow} 6$	0	0

Page no. 39

Life Skills and Values

- 112 144 200 216
- $100 + 40 + 4$
 - $200 + 10 + 6$
 - $200 + 0 + 0$
 - $100 + 10 + 2$

2. ADDITION

Page no. 40

- 16
 - 28
 - 30
 - 60
 - 18
- 19
 - 39
 - 50
 - 90
 - 19
- 57
 - 15
 - 70
 - 12

Page no. 41

- $6 + 3 = 3 + 6$
 - $16 + 1 = 17$
 - $30 + 0 = 30$
 - $80 + 0 = 80$
 - $72 + 1 = 73$
- $24 + 15 = 15 + 24$
 - $0 + 4 = 4$
 - $5 + 4 = 4 + 5$
 - $18 + 1 = 19$
 - $29 + 0 = 29$

Page no. 42

- 49
 - 96
 - 69
 - 53
 - 45
- 87
 - 74
 - 77
 - 67
 - 86
- 68
 - 58
 - 99
 - 94
 - 79

Page no. 43

- 86
 - 47
- 76
 - 69
- 58
 - 96

g. 95

j. 98

m. 74

h. 63

k. 99

n. 78

i. 67

l. 83

o. 97

Page no. 44

1. a. 69

b. 77

c. 95

Page no. 45

1. a. 1 ten + 8 ones

c. 6 tens + 9 ones

e. 8 tens + 8 ones

b. 3 tens + 4 ones

d. 6 tens + 7 ones

f. 9 tens + 9 ones

Page no. 46

1. a. 34

d. 62

g. 30

j. 61

m. 83

b. 41

e. 71

h. 43

k. 76

n. 90

c. 53

f. 82

i. 54

l. 73

o. 97

Page no. 47

1. a. 51

d. 83

g. 81

j. 76

b. 72

e. 67

h. 91

c. 94

f. 94

i. 95

Page no. 48

1. $13 + 8 = 21$ or $6 + 15 = 21$

2. a. 24

d. 15

b. 19

e. 26

c. 21

Page no. 49

1. a. 42

d. 53

g. 86

j. 76

b. 75

e. 62

h. 90

c. 96

f. 67

i. 88

Page no. 52

1. a. 137

d. 138

g. 107

j. 164

m. 128

p. 179

b. 184

e. 147

h. 128

k. 115

n. 177

c. 149

f. 117

i. 104

l. 108

o. 155

Puzzle

12	8	10	<u>30</u>
9	6	15	<u>30</u>
9	16	5	<u>30</u>
30	30	30	

Page no. 53, 54

1.

a. 124	b. 171	c. 120
d. 131	e. 135	f. 154
g. 191	h. 111	i. 113
j. 150	k. 186	l. 130
m. 110	n. 133	o. 146
p. 141	q. 153	r. 165
s. 142	t. 167	
2.

a. $39 + 77 = 116$	b. $45 + 96 = 141$
c. $96 + 76 = 172$	d. $75 + 68 = 143$

Page no. 56

- | | | | |
|----|-----------------|-----------------|-------|
| 1. | a. 10 | d. 50 | g. 30 |
| | b. 70 | e. 60 | h. 90 |
| | c. 30 | f. 80 | i. 50 |
| 2. | Actual Sum | Estimated Sum | |
| a. | $38 + 53 = 91$ | $40 + 50 = 90$ | |
| b. | $29 + 41 = 70$ | $30 + 40 = 70$ | |
| c. | $16 + 24 = 40$ | $20 + 20 = 40$ | |
| d. | $67 + 45 = 112$ | $70 + 50 = 120$ | |
| e. | $42 + 88 = 130$ | $40 + 90 = 130$ | |
| f. | $94 + 76 = 170$ | $90 + 80 = 170$ | |
| g. | $53 + 19 = 72$ | $50 + 20 = 70$ | |
| h. | $85 + 67 = 152$ | $90 + 70 = 160$ | |
| i. | $71 + 32 = 103$ | $70 + 30 = 100$ | |
| 3. | Actual Sum | Estimated Sum | |
| | $26 + 31 = 57$ | $30 + 30 = 60$ | |

Page no. 57, 58

- | | |
|--------|--------|
| a. 95 | f. 59 |
| b. 60 | g. 50 |
| c. 116 | h. 115 |
| d. 161 | i. 150 |
| e. 185 | j. 136 |

Page no. 59**Revision Exercise**

1. a. 75 b. 68 c. 88
 d. 56 e. 99
2. a. 82 b. 95 c. 62
 d. 155 e. 120
3. 78
4. Actual Estimated
 a. $27 + 41 = 68$ $30 + 40 = 70$
 b. $12 + 68 = 80$ $10 + 70 = 80$
 c. $59 + 34 = 93$ $60 + 30 = 90$
5. a. 52 b. 61

Page no. 60**Mental Maths**

1. a. 79 b. 41, 22 c. 100
2. a. 60 b. 70 c. 95
 d. 90
3. a. 54 b. 66 c. 9 tens + 7 ones
 d. 35 e. 5 tens + 6 ones
 f. 1 g. 87

Skill Practice

- a. 24, 40 b. 40, 31
- c. 24, 14 d. 40, 31, 22

Page no. 61**Life Skills and Values**

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3. SUBTRACTION**Page no. 62**

1. a. 10 b. 12 c. 9
2. a. 18 b. 38
3. a. 42 b. 73 c. 44

Page no. 63

4. a. 21	b. 34	c. 46
d. 62	e. 74	f. 10
g. 50	h. 20	i. 31
j. 17	k. 03	l. 52
m. 32	n. 63	o. 73

Page no. 64

1. a. 22	b. 72	c. 16
d. 26	e. 13	f. 61
g. 44	h. 32	i. 46
j. 20	k. 31	l. 53
m. 67	n. 30	o. 42

Page no. 65

1. a. 23	b. 34	c. 42
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Page no. 67

1. a. 17	b. 29	c. 39
d. 74	e. 48	f. 47
g. 35	h. 59	i. 66
j. 48	k. 67	l. 57
m. 77	n. 84	o. 86

Page no. 68

1. a. 17	b. 19	c. 29
d. 17	e. 28	f. 37
g. 25	h. 39	i. 27
j. 68	k. 07	l. 27
m. 17	n. 14	o. 16

Page no. 69

1. a. 04	b. 73	c. 51
d. 12	e. 11	f. 16
g. 47	h. 29	i. 45
j. 28	k. 07	l. 14
m. 36	n. 13	o. 22
p. 35	q. 23	r. 24
s. 16	t. 25	

Page no. 70

1. a. $52 - 28 = 24$ $24 + 28 = 52$
- b. $30 - 16 = 14$ $14 + 16 = 30$
- c. $43 - 37 = 06$ $06 + 37 = 43$
- d. $67 - 29 = 38$ $38 + 29 = 67$
- e. $84 - 39 = 45$ $45 + 39 = 84$
- f. $91 - 75 = 16$ $16 + 75 = 91$

Page no. 71

1. Actual Estimated
- a. $26 - 13 = 13$ $30 - 10 = 20$
- b. $46 - 41 = 05$ $50 - 40 = 10$
- c. $81 - 49 = 32$ $80 - 50 = 30$
- d. $63 - 22 = 41$ $60 - 20 = 40$
- e. $74 - 19 = 55$ $70 - 20 = 50$
- f. $58 - 35 = 23$ $60 - 40 = 20$
- g. $72 - 56 = 16$ $70 - 60 = 16$
- h. $89 - 74 = 15$ $90 - 70 = 20$
- i. $87 - 49 = 38$ $90 - 50 = 40$

Page no. 73

- | | | |
|-------|-------|-------|
| a. 13 | b. 43 | c. 46 |
| d. 24 | e. 35 | f. 11 |

Page no. 74

- | | | |
|-------|-------|-------|
| g. 31 | h. 25 | i. 18 |
| j. 38 | k. 21 | l. 28 |

Page no. 75

1. a. $61 + 9 = 70$ $70 - 45 = 25$
- b. $83 + 12 = 95$ $95 - 57 = 38$
- c. $35 - 19 = 16$ $16 + 16 = 32$
- d. $80 + 10 = 90$ $90 - 40 = 50$
- e. $67 - 29 = 38$ $38 + 42 = 80$
- f. $77 - 58 = 19$ $19 + 14 = 33$

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- | | |
|-------------------|----------------|
| a. $15 + 8 = 23$ | $23 - 11 = 12$ |
| b. $24 + 17 = 41$ | $41 - 19 = 22$ |
| c. $44 - 18 = 26$ | $26 + 17 = 43$ |
| d. $32 + 23 = 55$ | $55 - 17 = 38$ |
| e. $58 + 26 = 84$ | $84 - 28 = 56$ |
| f. $39 + 28 = 67$ | $90 - 67 = 23$ |

Page no. 77

Revision Exercise

1. a. 26 b. 43 c. 64
 d. 27 e. 22
2. a. $55 - 26 = 29$ $29 + 26 = 55$
 b. $81 - 69 = 12$ $12 + 69 = 81$
3. a. $83 + 12 = 95$ $95 - 57 = 38$
 b. $56 + 7 = 63$ $63 - 34 = 29$
4. a. 29
 b. 39

Page no. 78

Mental Maths

1. a. 53 b. 89 c. 27
 d. 29 e. 82
2. a. 32 b. 4 tens + 6 ones
 c. 5 d. 6 tens e. 7 tens or 70
 f. 81 g. 73

Skills Practice

1. a. 30 b. 20

Page no. 79

Life Skills and Values

39

4. MULTIPLICATION

Page no. 80

1. a. 2 groups of cherries.
 Each group has 3 cherries.
 2 groups of 3 cherries
 is equal to
 $3 + 3 = 6$
 2 groups of 3 each is 6.
- b. 3 groups of balloons.
 Each group has 4 balloons.
 3 groups of 4 balloons
 is equal to
 $4 + 4 + 4 = 12$
 3 groups of 4 each is 12.

Page no. 82

1. a. $6 + 6 = 12$
There are 2 groups of 6
 $2 \times 6 = 12$
b. $4 + 4 + 4 + 4 = 16$
There are 4 groups of 4
 $4 \times 4 = 16$
2. a. $4 + 4 = 8$
 $2 \times 4 = 8$
b. $3 + 3 + 3 = 9$
 $3 \times 3 = 9$
c. $5 + 5 + 5 + 5 = 20$
 $4 \times 5 = 20$
d. $6 + 6 + 6 + 6 + 6 = 30$
 $5 \times 6 = 30$

Page no. 83

1. a. 12 b. 15
2. a. $4 \times 4 = 16$ b. $6 \times 3 = 18$

Page no. 84

1. 2, 4, 6, 8, 10, 12, 14, 16, 18, 20
2. 2, 4, 6, 8, 10, 12, 14, 16, 18, 20

Page no. 85

1. 3, 6, 9, 12, 15, 18, 21, 24, 27, 30
2. 3, 6, 9, 12, 15, 18, 21, 24, 27, 30

Page no. 86

1. 4, 8, 12, 16, 20, 24, 28, 32, 36, 40
2. 4, 8, 12, 16, 20, 24, 28, 32, 36, 40

Page no. 87

1. 5, 10, 15, 20, 25, 30, 35, 40, 45, 50
2. 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

Page no. 88

1. 10, 20, 30, 40, 50, 60, 70, 80, 90, 100
2. 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Page no. 90

1. a. $3 \times 2 = 6$
 $2 \times 3 = 6$
b. $4 \times 3 = 12$
 $3 \times 4 = 12$
c. $2 \times 4 = 8$
 $4 \times 2 = 8$
2. a. 2
b. 5
c. 5
d. 7
e. 4
f. 10
g. 5
h. 4
3. a. 9
b. 0
c. 0
d. 10
e. 7
f. 0
4. a. 15 15
b. 8 8

Page no. 91

1. a. 4
d. 18
g. 32
j. 30
m. 16
b. 12
e. 35
h. 24
k. 10
n. 21
c. 8
f. 9
i. 25
l. 40
o. 36

Page no. 92

1. a. 8
d. 15
b. 20
e. 80
c. 16
f. 12

Page no. 93**Revision Exercise**

1. a. $6 + 6 = 12$
 $2 \times 6 = 12$ balls
b. $3 + 3 + 3 + 3 = 12$
 $4 \times 3 = 12$ trees
2. a. 9
d. 27
g. 15
j. 30
b. 12
e. 28
h. 8
c. 20
f. 5
i. 40
3. a. 12
b. 32

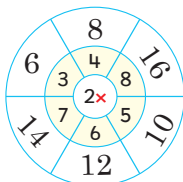
Page no. 94

Mental Maths

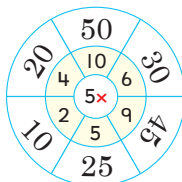
1. a. multiplication b. 15 c. 10
d. 35 e. the number itself
2. a. T b. F c. F
d. T
3. a. 5×5 b. 0 c. 1
d. 5 e. 1

Skills Practice

a.



b.



Page no. 95

Life Skills Values

50

5. DIVISION

Page no. 97

1. a. ✓ c. ✓

Page no. 98

1. a. 5 b. $12 \div 3 = 4$
2. 4
3. 4
4. $15 \div 5 = 3$
5. $18 \div 3 = 6$
6. $24 \div 3 = 8$

Page no. 99

1. a. 4 b. 4

Page no. 100

1. a. 8 b. 6
2. a. $12 \div 4 = 3$ b. $20 \div 5 = 4$

Page no. 101

1. a. 27
b. 1
c. 9

- d. 1
e. 12
f. 1

- g. 1
h. 41
i. 1

Page no. 102

- | | | |
|-------------------------|-----------------|-----------------|
| 1. b. $3 \times 7 = 21$ | $21 \div 7 = 3$ | $21 \div 3 = 7$ |
| c. $5 \times 6 = 30$ | $30 \div 6 = 5$ | $30 \div 5 = 6$ |
| d. $4 \times 8 = 32$ | $32 \div 8 = 4$ | $32 \div 4 = 8$ |

Problem Solving

- a. $12 \div 4 = 3$ b. $10 \div 2 = 5$

Page no. 103**Revision Exercise**

- | | |
|-----------------------|--------------------|
| 1. a. $8 \div 2 = 4$ | b. $9 \div 3 = 3$ |
| 2. $8 \div 2 = 4$ | |
| 3. 6 | |
| 4. $15 \div 3 = 5$ | |
| 5. a. $28 \div 4 = 7$ | b. $35 \div 7 = 5$ |
| $28 \div 7 = 4$ | $35 \div 5 = 7$ |
| 6. $8 \div 2 = 4$ | |

Page no. 104**Mental Maths**

- | | | |
|---|--------------------|--------------------|
| 1. a. multiplication | b. one | c. division |
| d. 4 pears | e. $12 \div 3 = 4$ | |
| 2. a. 3 | b. 11 | c. 1 |
| d. $10 \times 5 = 50$ then $50 \div 5 = 10$ | | |
| e. 8 | | |
| 3. a. $15 \div 3 = 5$ | b. $8 \div 4 = 2$ | c. $18 \div 6 = 3$ |

Page no. 105**Life Skills and Values**

$20 \div 4 = 5$

6. SHAPES**Page no. 106**

1. Blue – Square, Rectangle, Triangle, Circle and Oval
Orange – Cube, Cuboid, Cylinder, Cone, Sphere, Solid Oval

2. Squares – 4
- Rectangles – 9
- Circles – 3
- Triangles – 4
- Ovals – 2

Page no. 109

1. Name	Faces	Vertices	Edges
Cube	6	8	12
Cuboid	6	8	12
Sphere	1	0	0
Cylinder	3	0	2
Cone	2	1	1

2. a. cube b. cone c. cylinder
- d. sphere e. cuboid

Solve the Riddles

1. Cube 2. Cone 3. Cylinder 4. Sphere

Page no. 110

- Square – 4, 4
 Rectangle – 4, 4
 Triangle – 3, 3
 Circle 0, 0
 Oval – 0, 0

Page no. 111

4 sides, 4 corners

1. a. Rectangle b. Triangle
- c. Circle d. Circle
2. a. Cone b. Cuboid c. Cube

Page no. 113

1. a. Horizontal Line b. Curved line
- c. Vertical line d. Slanting Line
2. a. 8 c. 4
- b. 5 d. 2

Page no. 114

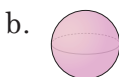
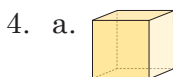
Revision Exercise

1. a. Sphere b. Cylinder
- c. Cone d. Cuboid



3. a. Horizontal line
c. Slanting line

- b. Curved line
d. Vertical line



Page no. 115

Mental Maths

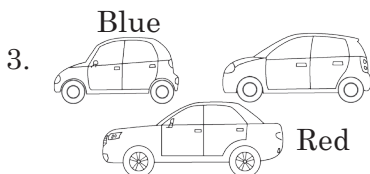
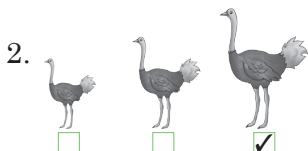
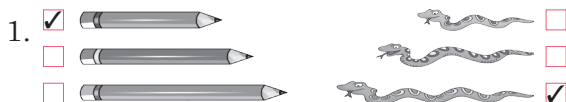
- | | | |
|--------------|-------------|--------------------|
| 1. a. circle | b. 12 | c. 1 |
| d. triangle | e. curved | |
| 2. a. face | b. cylinder | c. Cube and cuboid |
| d. plane | e. edge | |

Skills Practice

- a. Squares – 5 Rectangles – 4
b. Triangles – 9

7. MEASUREMENT OF LENGTH

Page no. 117



Using objects

1. a. 5 b. 4

Page no. 118

- | | |
|---------|---|
| 2. a. 5 | b. 2 • Red colour tie is the longest |
| c. 3 | d. 4 • Blue colour ties is the shortest |

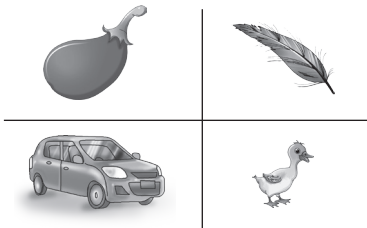
Page no. 120

- | | | |
|------------|---------|---------|
| 1. a. m | b. cm | c. cm |
| d. m | e. cm | f. m |
| 2. a. 9 cm | b. 7 cm | c. 5 cm |

8. MEASUREMENT OF WEIGHT

Page no. 121

1.



Page no. 122

1. Teddy A weighs 3 marbles
Teddy B weighs 5 marbles
Teddy C weighs 6 marbles
- | | |
|------------|------------|
| a. A | b. C |
| c. lighter | d. heavier |

Page no. 123

- | | | |
|--------------------|-----------------|-----------------|
| 1. a. <i>kg</i> | b. <i>g</i> | c. <i>g</i> |
| d. <i>g</i> | e. <i>kg</i> | f. <i>kg</i> |
| 2. a. 500 <i>g</i> | b. 1 <i>kg</i> | c. 2 <i>kg</i> |
| d. 600 <i>g</i> | e. 200 <i>g</i> | f. 400 <i>g</i> |

Page no. 124

1.



2.



3.



Page no. 125

1. a. *ml* b. *ml* c. *l*
 d. *l* e. *ml* f. *l*

Page no. 126

2.

5	6	3	7
2	1	8	4

3. a. 200 *ml* b. 500 *ml* c. 800 *ml*
 4. a. 2 b. 1
 c. Mannu has 1 litre more milk than Lily

Page no. 127**Revision Exercise**

1. a. *l* b. *kg* c. *m*
 2. a. 5 b. 11
 3. a. 500 *g* b. 1 *kg* c. 2 *kg*
 4. a. 1 *l* b. 5 *ml* c. 20 *l*

Page no. 128**Mental Maths**

1. a. 1000 *ml* b. 1000 *g* c. 100 *cm*
 d. 15 *cm* e. centimetre f. bucket
 g. 8
 2. a. F b. F
 c. T d. F
 3. a. 1000 *ml* or 1 *l*
 b. 100 *cm* or 1 *m*
 c. 1000 *g* or 1 *kg*
 d. litre
 e. kilogram

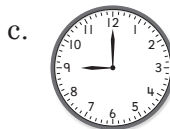
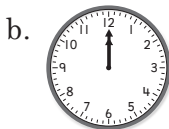
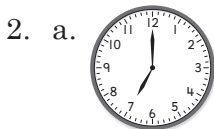
10. TIME**Page no. 131**

1. b. 10 o'clock

10:00

 c. 5 o'clock

5:00



Page no. 133

1. a. Quarter past 2 2:15

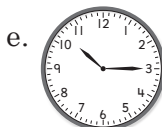
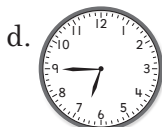
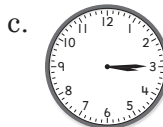
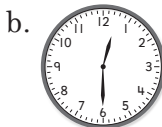
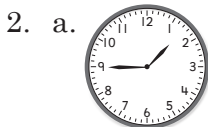
b. Half past 4 4:30

c. Quarter to 6 5:45

d. Quarter past 7 7:15

e. Half past 8 8:30

f. Quarter to 11 10:45



Page no. 136

1. a. 31

b. Saturday

c. Monday

d. 5

e. 4

1. a. $4 + 7 = 11$

$11 + 7 = 18$

$18 + 7 = 25$

Number pattern 4, 11, 18, 25

b. $7 + 7 = 14$

$14 + 7 = 21$

$21 + 7 = 28$

Number pattern 7, 14, 21, 28

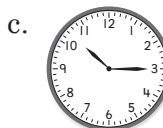
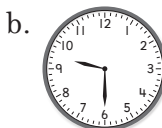
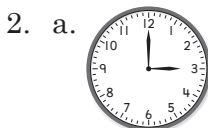
Page no. 137

Revision Exercise

1. a. Quarter past 1 or 1:15

b. Half past nine or 9:30

c. Quarter to 7 or 6:45



3. a. 12

b. 7

c. 366

d. May

e. Sunday

f. Thursday

g. February

4. a. 8 o'clock 8:00 b. 4 o'clock 4:00

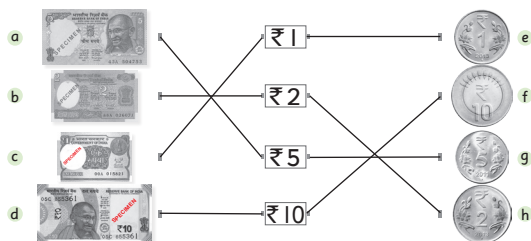
Page no. 138

Mental Maths

1. a. hour hand b. July and August c.
Wednesday
d. 12 o'clock e. 4
2. a. 4 b. calendar c. January
d. hour and minute e. minutes

11. MONEY

Page no. 140

1. 

Page no. 142

1. a.     

b.     

c.     

2. a. ₹ 5 + ₹ 5 + ₹ 2 + ₹ 1 = ₹ 13
b. ₹ 10 + ₹ 5 + ₹ 2 + ₹ 1 = ₹ 18
c. ₹ 2 + ₹ 5 + ₹ 10 + ₹ 20 = ₹ 37
d. ₹ 1 + ₹ 5 + ₹ 10 + ₹ 50 = ₹ 66

Page no. 143

3. a. ₹ 10 – ₹ 5 = ₹ 5
b. ₹ 10 – ₹ 3 = ₹ 7

- c. ₹ 40 – ₹ 20 = ₹ 20
 d. ₹ 55 – ₹ 23 = ₹ 32
 e. ₹ 90 – ₹ 30 = ₹ 60

Page no. 144

1. a. ₹ 72 + ₹ 4 = ₹ 76
 b. ₹ 70 – ₹ 25 = ₹ 45
 c. ₹ 12 + ₹ 45 = ₹ 57
 d. ₹ 9 + ₹ 38 = ₹ 47 ₹ 50 – ₹ 47 = ₹ 3

Page no. 145

Revision Exercise

1. a. ₹ 10 b. ₹ 20
 c. ₹ 50 d. ₹ 100
 2. a. ₹ 1 + ₹ 2 + ₹ 5 + ₹ 10 = ₹ 18
 b. ₹ 10 + ₹ 20 + ₹ 50 = ₹ 80
 3. a. ₹ 10 – ₹ 7 = ₹ 3
 b. ₹ 50 – ₹ 30 = ₹ 20
 4. ₹ 65 – ₹ 30 = ₹ 35

Page no. 146

Mental Maths

1. a. ₹ b. 4 c. ten coins of ₹ 1
 d. ₹ 50 e. ₹ 10
 2. a. 10 b. 5 c. ₹ 55
 d. 50 e. 100

Skills Practice

2 notes of ₹ 50 5 notes of ₹ 20 10 notes of ₹ 10

Page no. 147

Life Skills and Values

₹ 125

12. DATA HANDLING

Page no. 148

1.

9	8	5	7	4
---	---	---	---	---

2. a.  Rose b.  Lotus
 3. a. 9 – 5 = 4 b. 9 + 8 + 5 + 7 + 4 = 33

Page no. 149

1. a. Favourite Cartoon Show
c. 6
e. Tom and Jerry
- b. 8
d. Motu Patlu
f. $10 - 7 = 3$

Page no. 150

2. a. $28 + 30 + 31 + 26 + 32 = 147$
b. $6 + 2 + 5 + 4 + 3 = 20$

Absent students' chart

- a. Class I
- b. Class II

Page no. 151

1. a. 2
d. longest
- b. 1
e. shortest
- c. 17

Page no. 152

2. a. Favourite Sweet Dish
c. 3
d. Laddu
- b. 6
e. Rasgulla

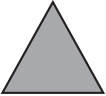
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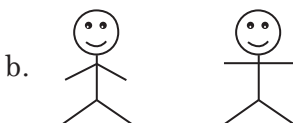
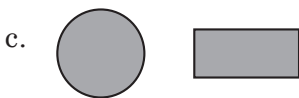
Revision Exercise

1. a. Favourite Sport
c. 6
d. Cricket
 - b. 6
e. Basketball
2. a. 6
c. Mango
 - b. 2
d. Papaya

13. PATTERNS

Page no. 156

1. a.  b.  c. 
2. a.  
b.  



Page no. 157

4. a.	16	18	20	22	24
b.	39	42	45	48	51
c.	62	66	70	74	78
d.	85	90	95	100	105
e.	400	500	600	700	800
f.	45	40	35	30	25
g.	500	400	300	200	100

5. a.	DD	EE	FF
b.	GH	IJ	KL
c.	JKL	MNO	PQR
d.	D2	E2	F2
e.	4D	5E	6F

Page no. 158

6.

a.



b.


- c.


- d.



7.

a.



b.



c.



d.

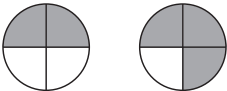


Page no. 159

Revision Exercise

2.

a.



b.



c.



d.



3.

a.

EE

F

GG

H

II

b.

55

45

35

25

15

c.

58

68

78

88

98

d.

10E

12F

14G

16H

18I

e.

400

450

500

550

600

