

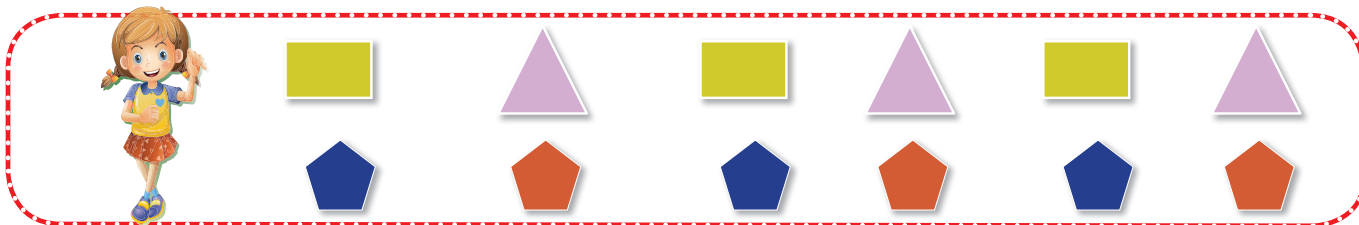
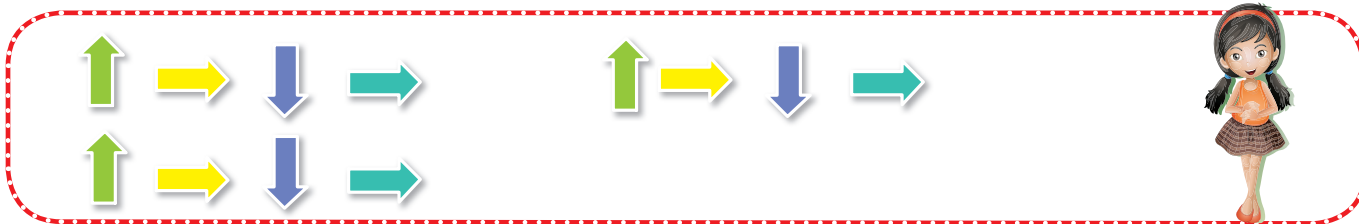
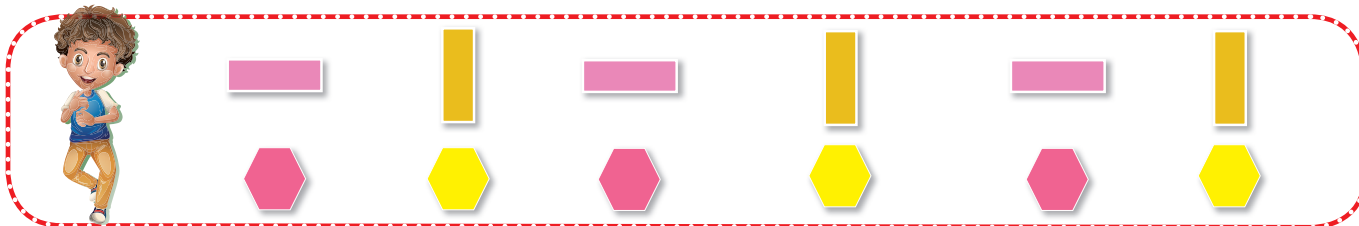
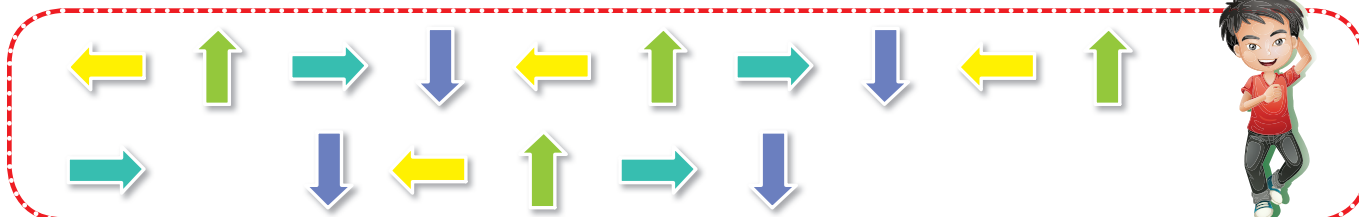


# I Patterns

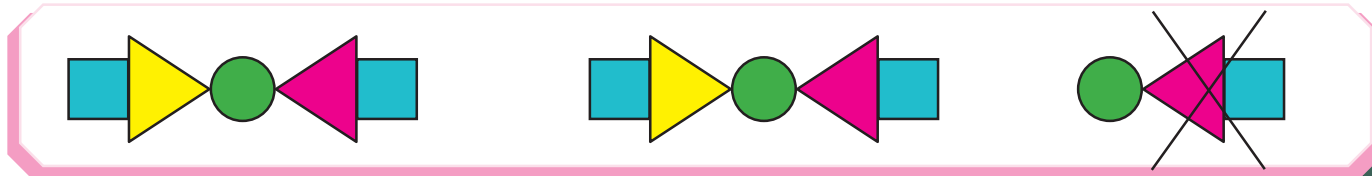
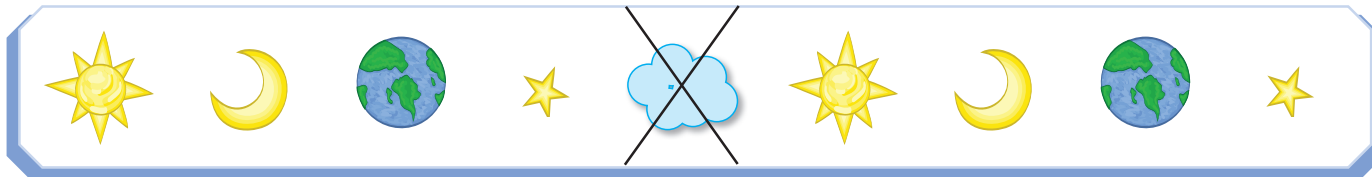
## Answers

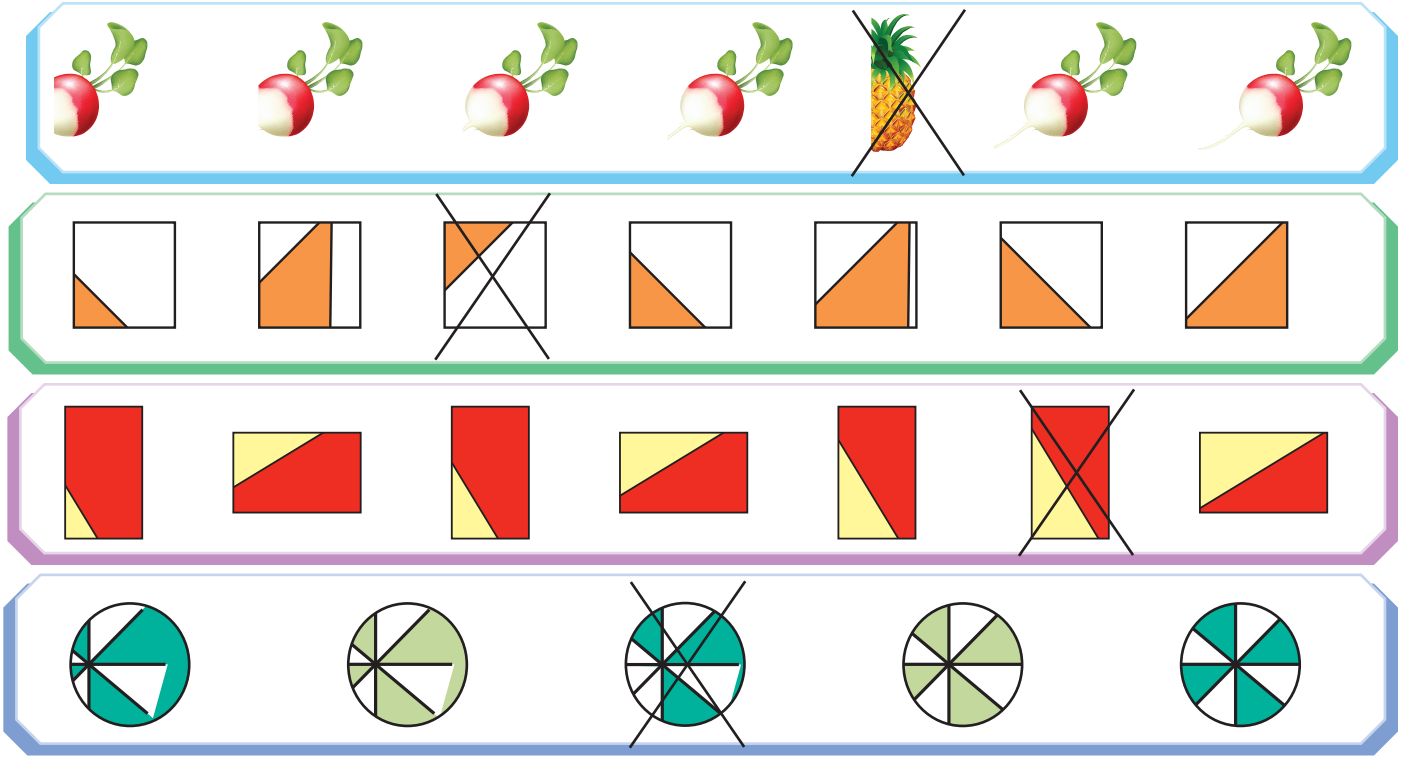
### Practice Time

1.



2.





## Practice Time

1.

32	34	36	38	40	42	44	46
99	98	97	96	95	94	93	92
78	73	68	63	58	53	48	43
71	61	51	41	31	21	11	1
25	34	43	52	61	70	79	88
26	32	38	44	50	56	62	68

2. (a) 3, 5, 7, 9, 11, 13, 15, 17  
 (b) 25, 30, 35, 40, 45, 50, 55, 60  
 (c) 5, 9, 13, 17, 21, 25, 29, 33  
 (d) 32, 42, 52, 62, 72, 82, 92, 102





3. 7, 10, 13, 16, 19, 22, 25  
 1, 6, 11, 16, 21, 26, 31, 36, 41  
 4, 5, 6, 7, 8, 9, 10, 11, 12  
 1, 3, 5, 7, 9, 11, 13, 15, 17  
 4, 6, 8, 10, 12, 14, 16, 18, 20  
10, 20, 30, 40, 50, 60, 70, 80  
 15, 20, 25, 30, 35, 40, 45, 50  
 10, 9, 8, 7, 6, 5, 4, 3  
 6, 9, 12, 15, 18, 21

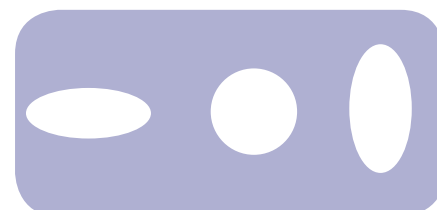
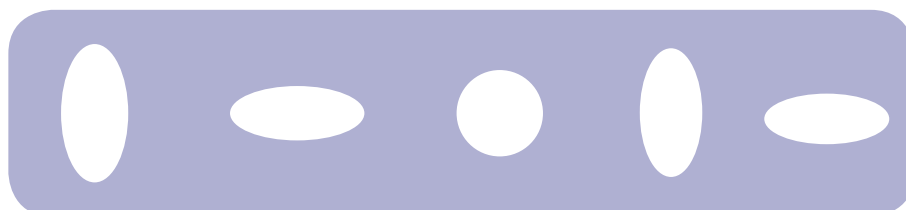
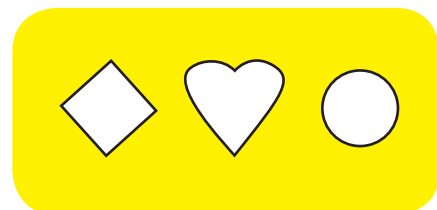
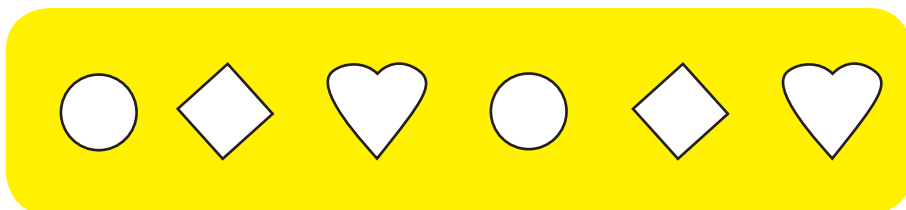
### Scan Your Brain

1.



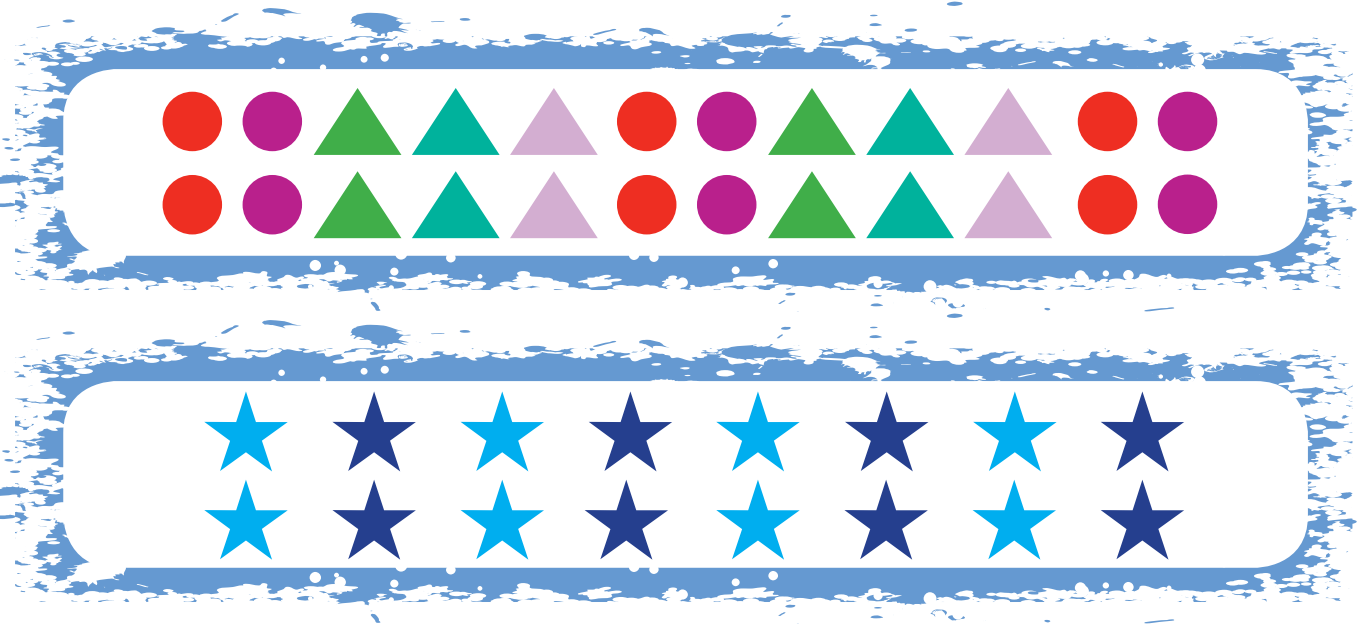
2. 4, 8, 12, 16, 20, 24, 28  
 0, 7, 14, 21, 28, 35, 42, 49, 56  
 9, 12, 15, 18, 21, 24, 27, 30

3.



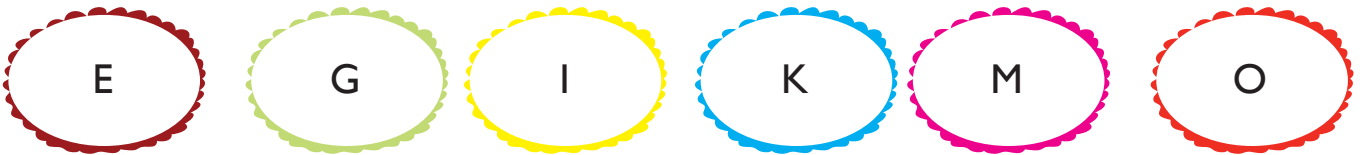


4.

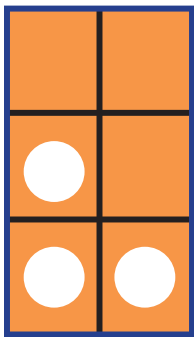


### Hots Questions

1.



2.



3. Do it yourself.





# 2 Shapes and Space

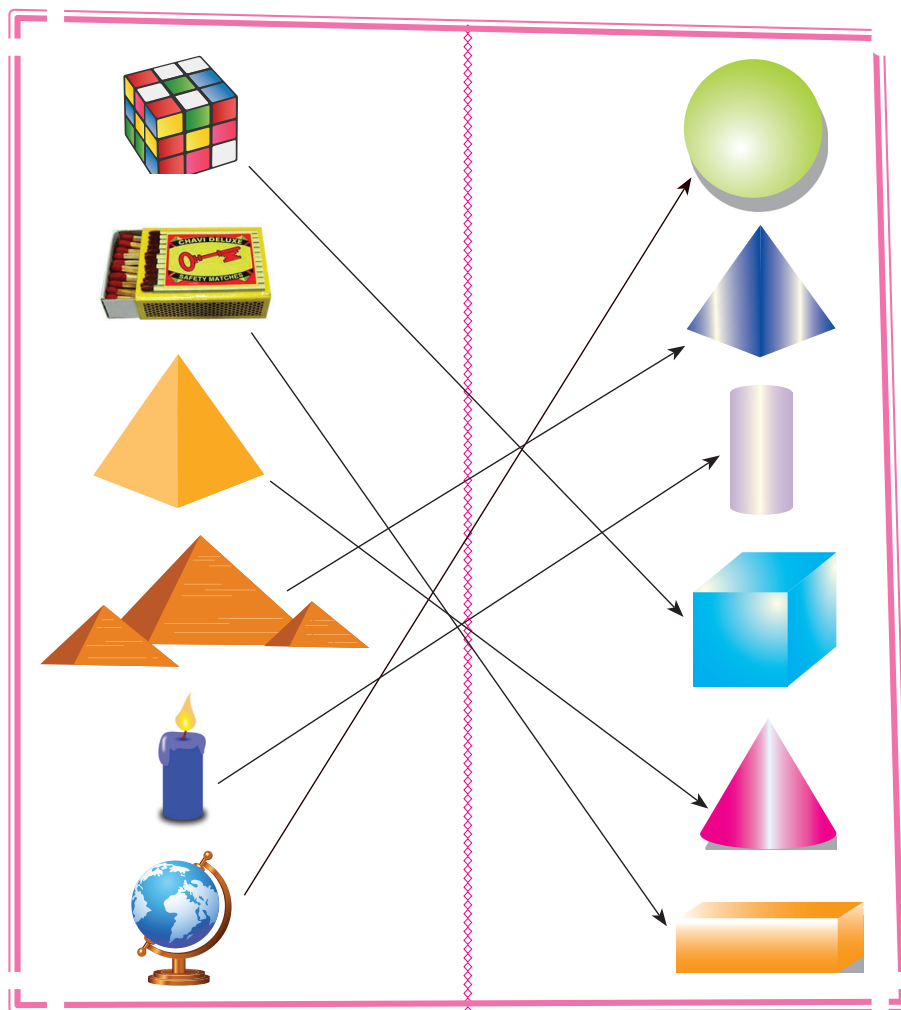
## Answers

### Practice Time

1.

Column A

Column B



2.



Sphere

Cylinder



Cylinder

Cone



Cuboid

Pyramid

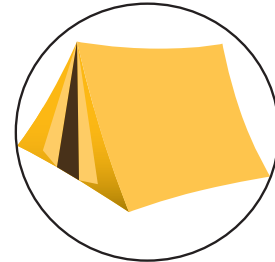
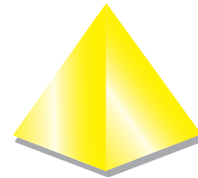
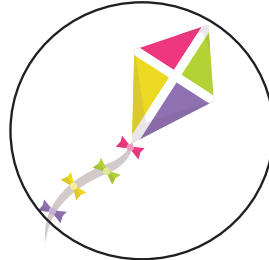
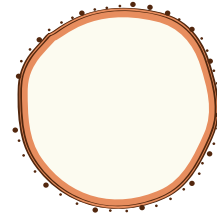
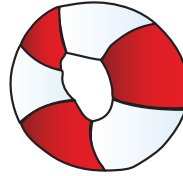
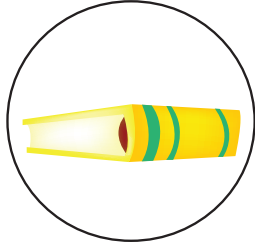
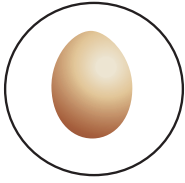


Cone

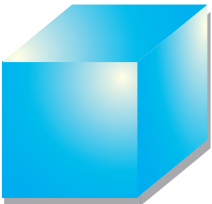
Sphere



# Practice Time



2.

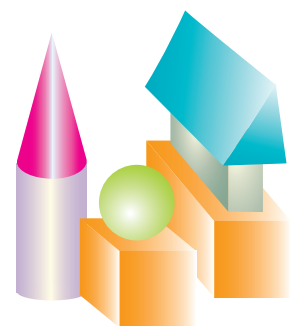
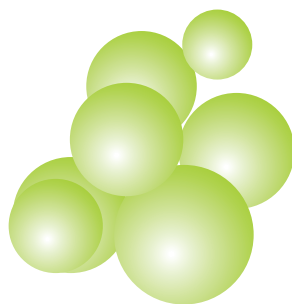
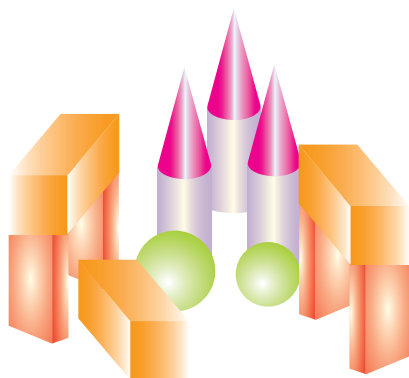
Shape	Name	Faces	Vertices	Edges
	Cube	6	8	12





	Sphere	1	0	0
	Cylinder	3	0	2
	Pyramid	5	5	8
	Cone	2	1	1

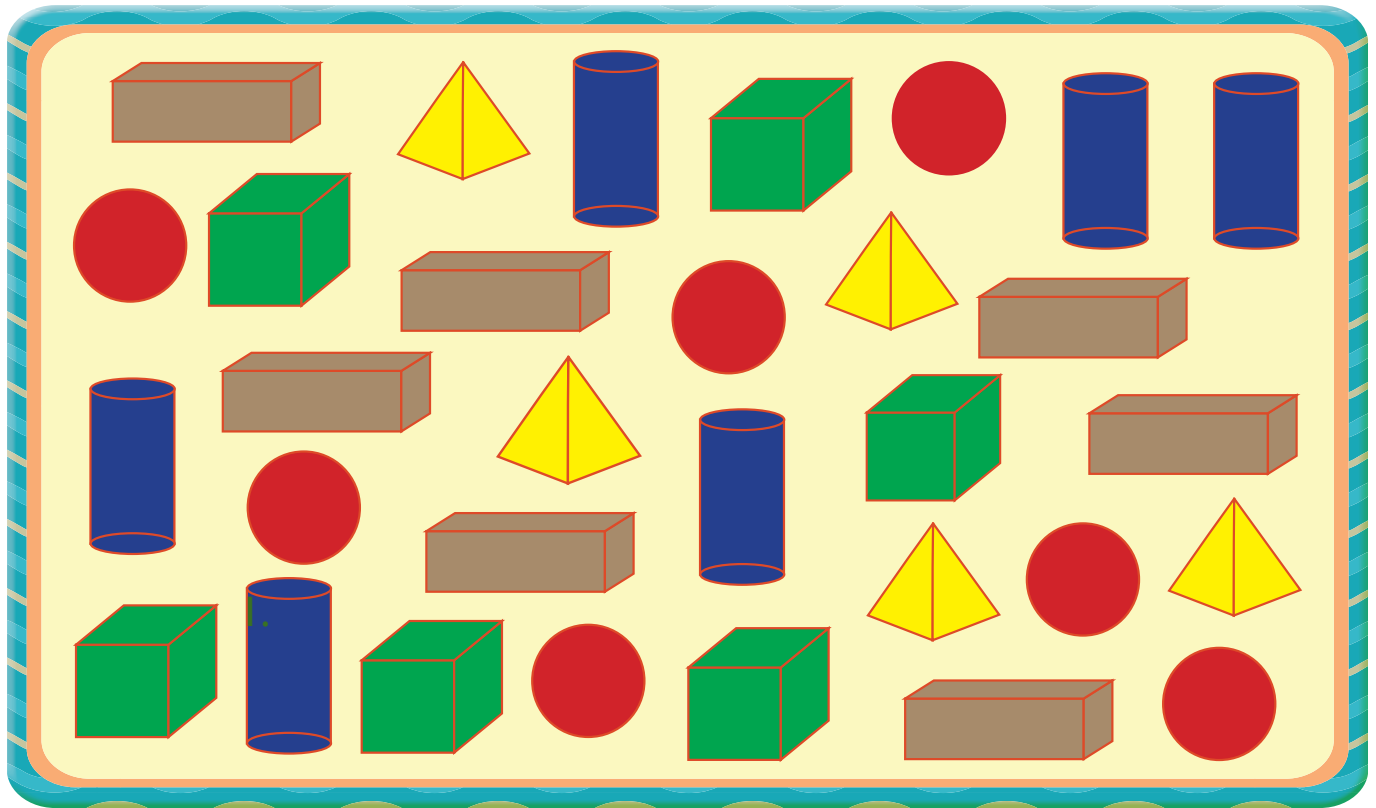
3.



- a) Number of spheres 10
- c) Number of pyramids 1
- e) Number of cylinders 4

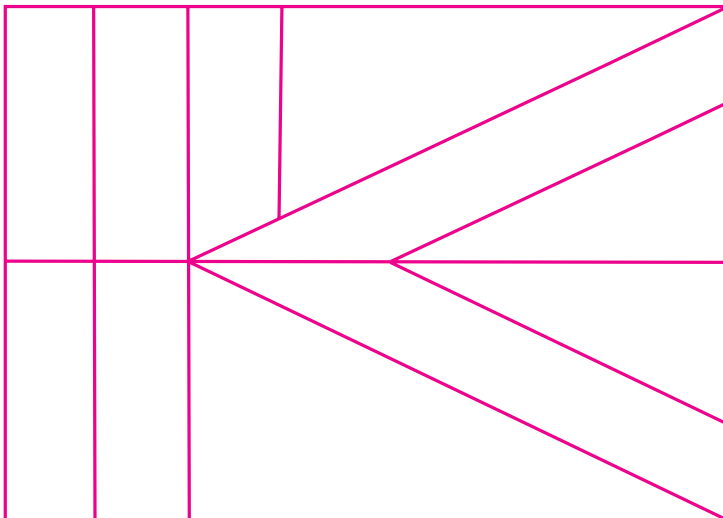
- b) Number of cones 4
- d) Number of cuboids 10

4.



- a) Number of spheres 7
- b) Number of cube 6
- c) Number of pyramids 5
- d) Number of cuboid 7
- e) Number of cylinders 6

### Practice Time



Sleeping lines

3

Standing lines

5

Slanting lines

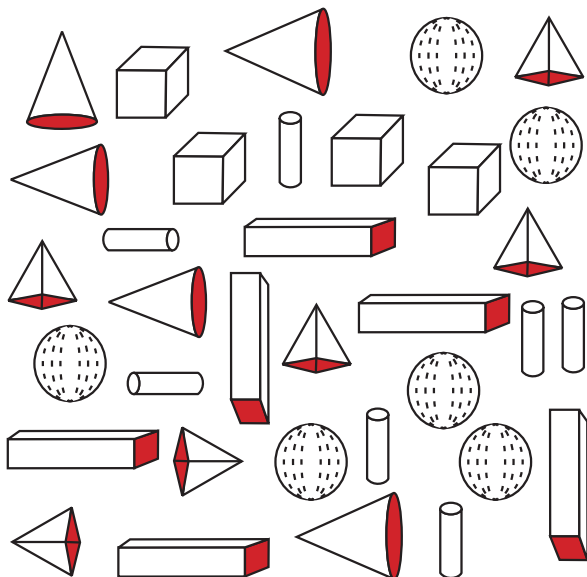
4





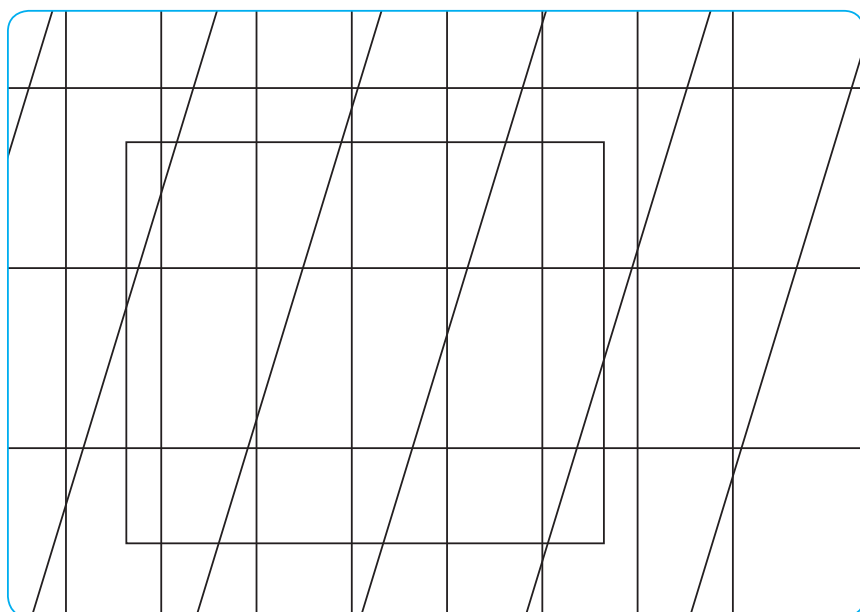
# Scan Your Brain

1.



Number of spheres	6
Number of cones	5
Number of pyramids	6
Number of cuboids	6
Number of cylinders	7
Number of cubes	4

2.



Curved lines = 0

Horizontal lines = 5

Slanting lines = 6

Vertical lines = 10



1.

## Hots Questions

2D shape

# 3 Getting Ready for Numbers

Answers

### Practice Time

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	300

2.

301	302	303	304	305	306	307	308	309	310
311	312	313	314	315	316	317	318	319	320
321	322	323	234	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	397	398	399	400





3.

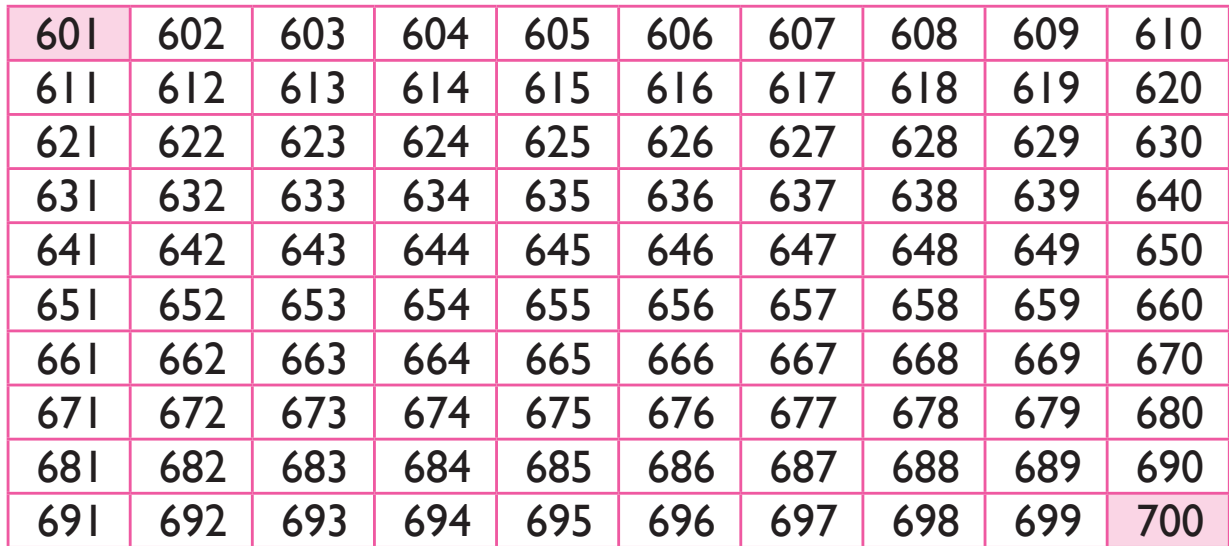
401	402	403	404	405	406	407	408	409	410
411	412	413	414	415	416	417	418	419	420
421	422	423	424	425	426	427	428	429	430
431	432	433	434	435	436	437	438	439	440
441	442	443	444	445	446	447	448	449	450
451	452	453	454	455	456	457	458	459	460
461	462	463	464	465	466	467	468	469	470
471	472	473	474	475	476	477	478	479	480
481	482	483	484	485	486	487	488	489	490
491	492	493	494	495	496	497	498	499	500

4.

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	600

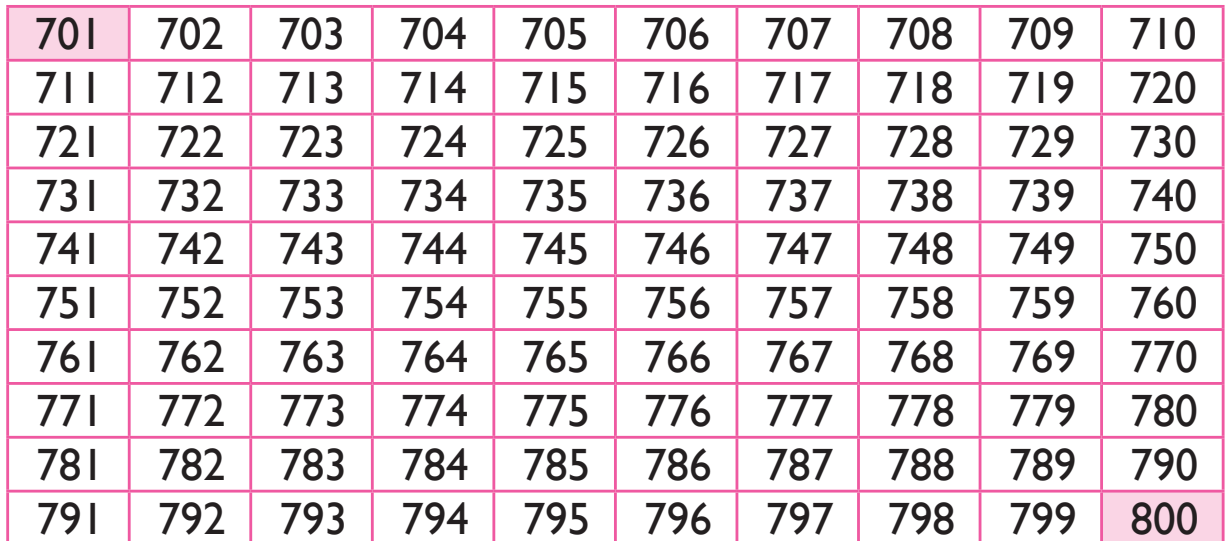


5.



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	700

6.



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	800



7.

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	900

8.

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	99	999	1000



## Practice Time

1.

189	One hundred and eighty-nine
245	Two hundred and forty-five
327	Three hundred and twenty-seven
481	Four hundred and eighty-one
505	Five hundred and five
690	Six hundred and ninety
763	Seven hundred and sixty-three
842	Eight hundred and forty-two
999	Nine hundred and ninety-nine
1000	One thousand.

2.

Four hundred and nine      409      732      Seven hundred and thirty-two

Six hundred and forty-six      646      399      Three hundred and ninety-nine

Five hundred and fifty      550      222      Two hundred and twenty-two

Eight hundred and seventy-five      875      990      Nine hundred and ninety

Three hundred and fifty-five      355      765      Seven hundred and sixty-five

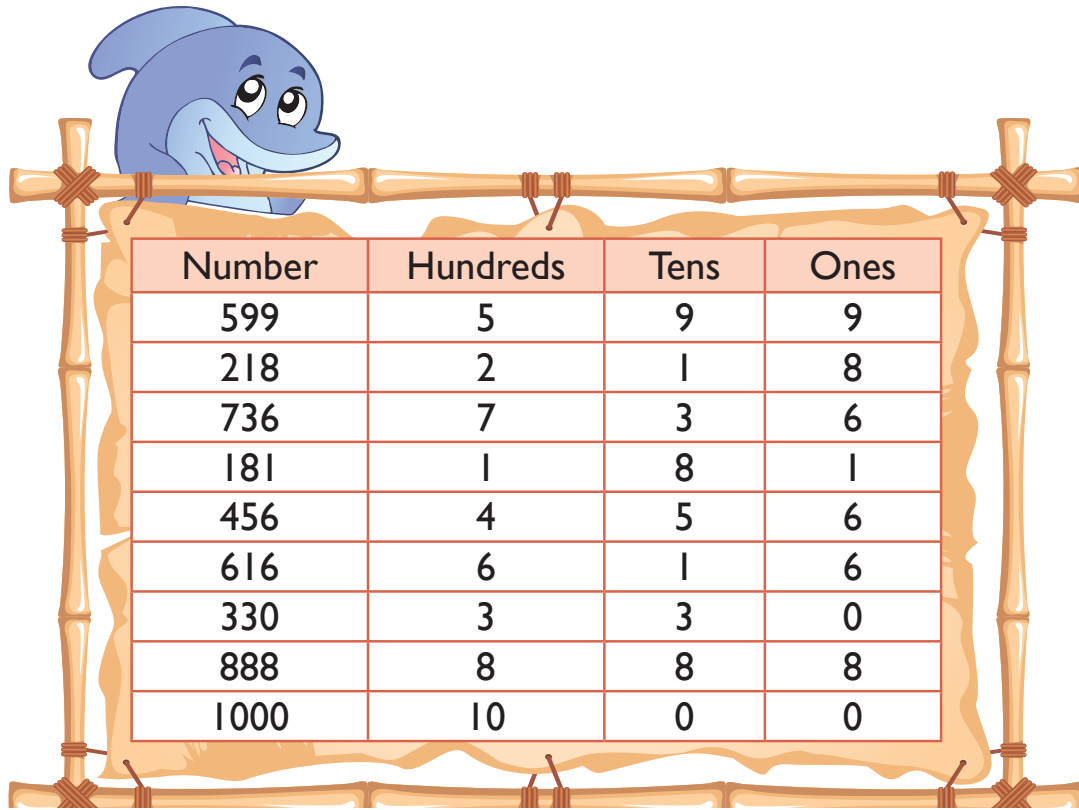
3. (a) 1 Hundreds + 1 Tens + 1 One = 111  
(b) 8 Hundreds + 2 Tens + 2 One = 822  
(c) 7 Hundreds + 4 Tens + 2 One = 742  
(d) 2 Hundreds + 5 Tens + 12 One = 262



4.

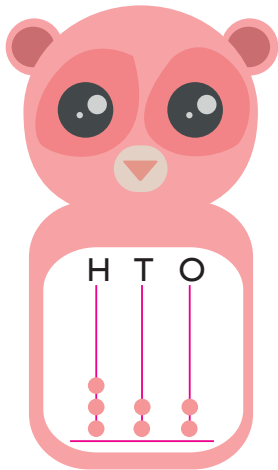
Number Name	Before Number	Number	After Number	Number Name
Three hundred and forty-four	344	345	346	Three hundred and forty-six
Six hundred and twenty-eight	628	629	630	Six hundred and thirty
Six hundred and ninety-nine	699	700	701	Seven hundred and one
Eight hundred and seventy-nine	879	880	881	Eight hundred and eighty-one
Nine hundred and ninety-eight	998	999	1000	One thousand
Four hundred and forty-four	444	445	446	Four hundred and forty-six
Two hundred and fifty	250	251	252	Two hundred and fifty-two
One hundred and ninety-five	195	196	197	One hundred and ninety-seven
Seven hundred and seventy-four	774	775	776	Seven hundred and seventy-six
Five hundred and four	504	505	506	Five hundred and six
Three hundred and five	305	306	307	Three hundred and seven
Eight hundred and ninety-nine	899	900	901	Nine hundred and one
Four hundred and ninety	490	491	492	Four hundred and ninety-two
Six hundred and seventy-seven	677	678	679	Six hundred and seventy-nine
Two hundred and eighteen	218	219	220	Two hundred and twenty



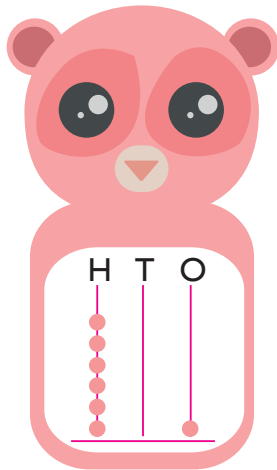


Number	Hundreds	Tens	Ones
599	5	9	9
218	2	1	8
736	7	3	6
181	1	8	1
456	4	5	6
616	6	1	6
330	3	3	0
888	8	8	8
1000	10	0	0

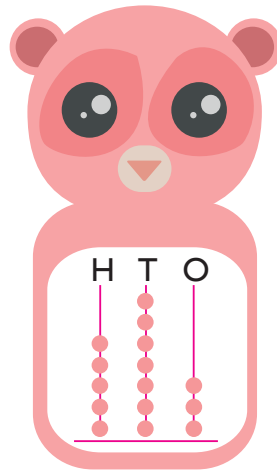
6.



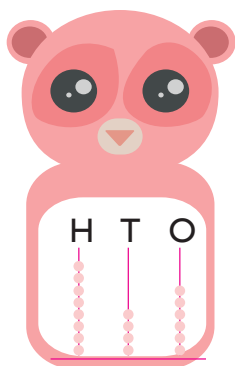
322



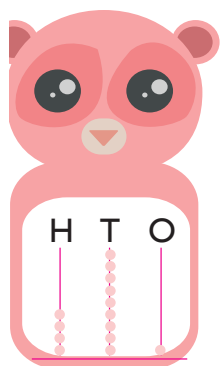
601



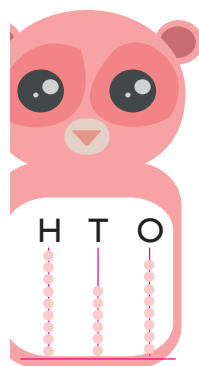
573



846



491



968

## Practice Time

1. (a)  $227 < 345$       (b)  $569 < 762$       (c)  $685 > 680$   
 (d)  $781 > 718$       (e)  $199 > 99$       (f)  $765 < 770$   
 (g)  $901 < 910$       (h)  $819 > 812$       (i)  $447 > 239$   
 (j)  $645 > 571$       (k)  $441 < 449$       (l)  $555 < 557$

2. (a)  $234$   $765$       (b)  $888$   $111$       (c)  $555$   $505$       (d)  $963$   $764$   
 (e)  $735$   $777$       (f)  $999$   $959$       (g)  $256$   $652$       (h)  $383$   $883$   
 (i)  $724$   $124$       (j)  $179$   $971$       (k)  $97$   $947$       (l)  $279$   $894$

3. (a) 206, 311, 440, 623, 750, 802,      (b) 105, 450, 501, 505, 509, 550  
 (c) 315, 318, 338, 351, 379, 397

4. (a)  $821$   $671$   $533$   $412$   $318$   $242$   
 (b)  $993$   $990$   $989$   $959$   $929$   $918$   
 (c)  $989$   $888$   $688$   $489$   $398$   $289$   
 (d)  $975$   $855$   $755$   $665$   $545$   $415$   
 (e)  $900$   $805$   $701$   $404$   $306$   $220$



## Scan Your Brain

1. (a) 329 – Three hundred twenty-nine      (b) 902 – Nine hundred two  
(c) 299 – Two hundred ninety-nine      (d) 449 – Four hundred forty-nine  
(e) 750 – Seven hundred fifty      (f) 888 – Eight hundred eighty-eight  
(g) 505 – Five hundred five      (h) 900 – Nine hundred

2.

288	2	Hundreds	+	8	Tens	+	8	Ones
604	6	Hundreds	+	0	Tens	+	4	Ones
886	8	Hundreds	+	8	Tens	+	6	Ones
910	9	Hundreds	+	1	Tens	+	0	Ones
126	1	Hundreds	+	2	Tens	+	6	Ones
601	6	Hundreds	+	0	Tens	+	1	Ones
446	4	Hundreds	+	4	Tens	+	6	Ones
700	7	Hundreds	+	0	Tens	+	0	Ones
55	0	Hundreds	+	5	Tens	+	5	Ones
26	0	Hundreds	+	2	Tens	+	6	Ones

3. (a) 976, 829, 633, 497, 245, 109  
(b) 847, 834, 748, 692, 572, 92

## Hots Questions

1. 609 and 960  
2. 10  
10





# 4 Learning Addition

## Answers

### Practice Time

1.  = 15 shapes

$$\boxed{5} + \boxed{5} + \boxed{5} = \boxed{15}$$

 = 16 flowers

$$\boxed{7} + \boxed{4} + \boxed{5} = \boxed{16}$$

 = 10 birds

$$\boxed{4} + \boxed{3} + \boxed{3} = \boxed{10}$$

 = 9 hats

$$\boxed{6} + \boxed{2} + \boxed{1} = \boxed{9}$$

2. (a) 11      (b) 13      (c) 12      (d) 14      (e) 13      (f) 11      (g) 12  
 (h) 16      (i) 13      (j) 11      (k) 49      (l) 75      (m) 39      (n) 28  
 (o) 68      (p) 79      (q) 29      (r) 88      (s) 69      (t) 39
3. (a) 12      (b) 13      (c) 17      (d) 10      (e) 15      (f) 17  
 (g) 19      (h) 18      (i) 16      (j) 19      (k) 12
4. (a) 59      (b) 99      (c) 98      (d) 98      (e) 95      (f) 97  
 (g) 59      (h) 39      (i) 144      (j) 77      (j) 129      (k) 39



5.

$$\begin{array}{r}
 23 \text{ crows} \\
 + 34 \text{ crows} \\
 \hline
 57 \\
 \hline
 57 \text{ crows}
 \end{array}$$

$$\begin{array}{r}
 35 \text{ gold fishes} \\
 + 42 \text{ angel fishes} \\
 \hline
 77 \\
 \hline
 77 \text{ fishes}
 \end{array}$$

$$\begin{array}{r}
 53 \text{ pencils} \\
 + 64 \text{ pencils} \\
 \hline
 117 \\
 \hline
 117 \text{ pencils}
 \end{array}$$

$$\begin{array}{r}
 12 \\
 + 14 \\
 \hline
 26 \\
 \hline
 26 \text{ october}
 \end{array}$$

$$\begin{array}{r}
 24 \text{ girls} \\
 + 31 \text{ boys} \\
 \hline
 55 \\
 \hline
 55 \text{ students}
 \end{array}$$

### Practice Time

1. (a) C      (b) A      (c) Z      (d) A      (e) A

(f) C      (g) C      (h) C      (i) A      (j) C

2. (a)  $13 + 2 = 10 + 5$       (b)  $20 + 3 = 8 + 15$       (c)  $7 + 10 = 10 + 7$

(d)  $0 + 34 = 9 + 25$       (e)  $11 + 28 = 28 + 11$       (f)  $19 + 5 = 24 + 0$





(g)  $27 + 0 = 17 + 10$     (h)  $(54 + 32) + 15 = 54 + (32 + 15)$

(i)  $25 + (29 + 34) = (29 + 25) + 34$     (j)  $(18 + 32) + 47 = 18 + (32 + 47)$

(k)  $39 + (68 + 42) = (42 + 68) + 39$     (l)  $(64 + 35) + 91 = 64 + (35 + 91)$

(m)  $(12 + 15) + 14 = 12 + (15 + 14)$     (n)  $29 + (27 + 25) = (29 + 27) + 25$

3. (a)  $7 + 2$     (b)  $8 + 4$     (c)  $9 + 6$

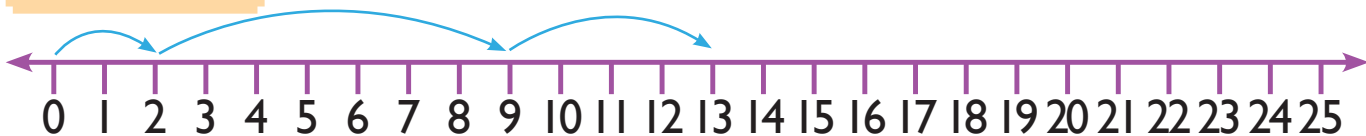
(d)  $8 + 9$     (e)  $15 + 12$     (f)  $8 + 13$

### Practice Time

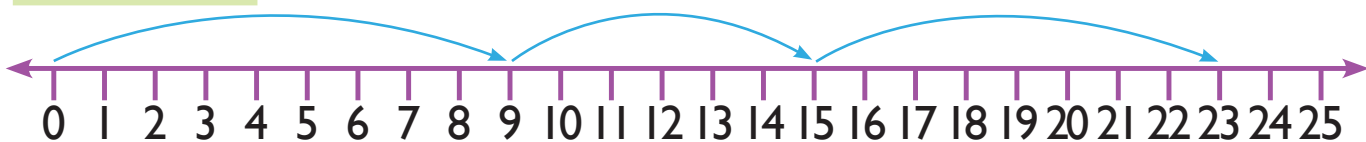
1.  $3 + 9 + 5$



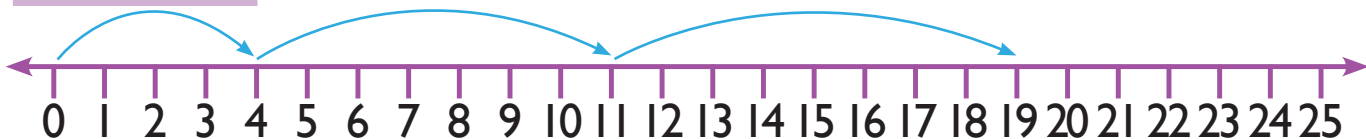
$2 + 7 + 4$



$9 + 6 + 8$



$4 + 7 + 8$



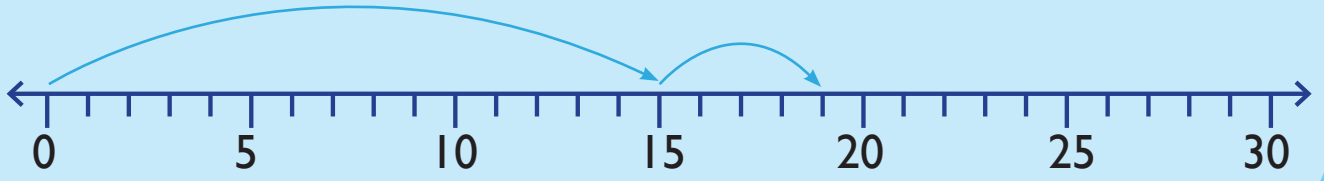
$5 + 2 + 10$



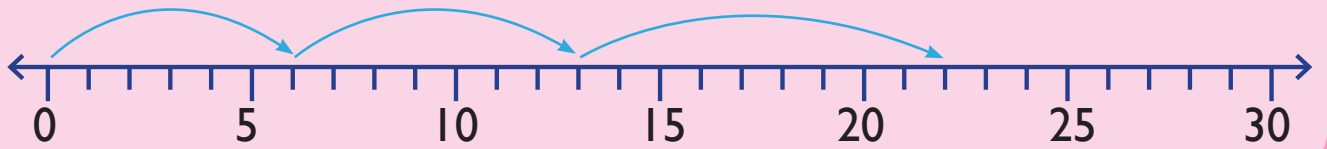


2.

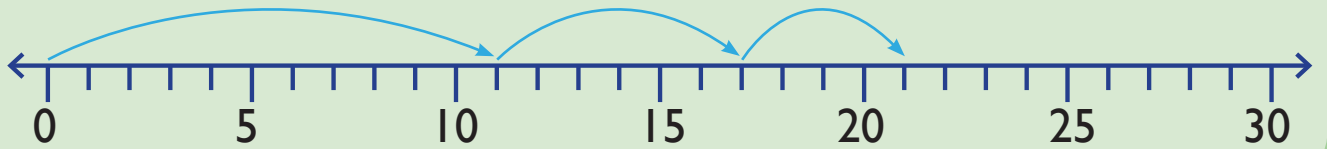
$15 + 4$



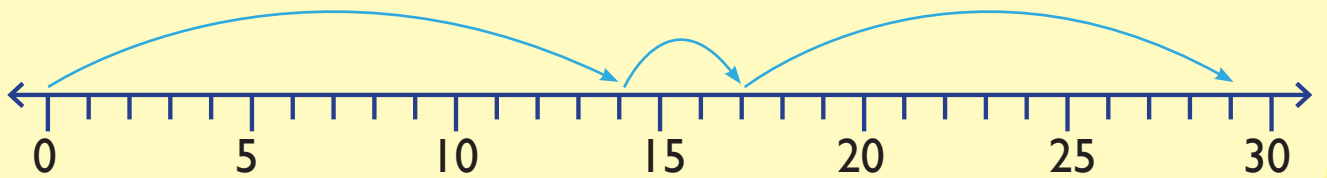
$6 + 7 + 9$



$11 + 6 + 4$



$14 + 3 + 12$



### Practice Time

- |                        |                     |                     |
|------------------------|---------------------|---------------------|
| 1. a) $150 + 40 = 190$ | b) $170 + 20 = 190$ | c) $160 + 30 = 190$ |
| d) $330 + 50 = 380$    | e) $380 + 10 = 390$ | f) $210 + 80 = 290$ |
| g) $270 + 20 = 290$    | h) $580 + 10 = 590$ | i) $660 + 30 = 690$ |
| j) $750 + 40 = 790$    | k) $820 + 70 = 890$ | l) $930 + 60 = 990$ |

- |         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|
| (a) 959 | (b) 999 | (c) 489 | (d) 599 | (e) 389 | (f) 174 | (g) 499 |
|---------|---------|---------|---------|---------|---------|---------|







$\begin{array}{r} \text{H T O} \\ 739 \\ + 200 \\ \hline 939 \end{array}$	
---	--

$\begin{array}{r} \text{H T O} \\ 350 \\ + 530 \\ \hline 880 \end{array}$	
---	--

$\begin{array}{r} \text{H T O} \\ 148 \\ + 851 \\ \hline 999 \end{array}$	
---	--

$\begin{array}{r} \text{H T O} \\ 333 \\ + 555 \\ \hline 888 \end{array}$	
---	--

## Scan Your Brain

1. (a) 48      (b) 58      (c) 40      (d) 29      (e) 76      (f) 99  
       (g) 19      (h) 88      (i) 68      (j) 49      (k) 39      (l) 49
2. (a) 699      (b) 838      (c) 289      (d) 728      (e) 399  
       (f) 657      (g) 897              (h) 997      (i) 348
3. (a) 687      (b) 487      (c) 699      (d) 976      (e) 786  
       (f) 888      (g) 978      (h) 859      (i) 555

4.

$$3 + 5 = 5 + 3 = 8$$

$$8 + 6 = 6 + 8 = 14$$

$$0 + 9 = 9 + 0 = 9$$

$$1 + 8 = 8 + 1 = 9$$

$$2 + 9 = 9 + 2 = 11$$

$$7 + 5 = 5 + 7 = 12$$

$$4 + 3 = 3 + 4 = 7$$

$$5 + 0 = 0 + 5 = 5$$





5.

7, 1, 2	<b>Method 1</b> $(7 + 1) + 2$ $= 8 + 2 = 10$	<b>Method 2</b> $(2 + 1) + 7$ $= 3 + 7 = 10$	<b>Method 3</b> $(2 + 7) + 1$ $= 9 + 1 = 10$
---------	--	--	--

2, 5, 1	<b>Method 1</b> $(2 + 5) + 1$ $= 7 + 1 = 8$	<b>Method 2</b> $(5 + 1) + 2$ $= 6 + 2 = 8$	<b>Method 3</b> $(1 + 2) + 5$ $= 3 + 5 = 8$
---------	---	---	---

8, 2, 3	<b>Method 1</b> $(8 + 2) + 3$ $= 10 + 3 = 13$	<b>Method 2</b> $(2 + 3) + 8$ $= 5 + 8 = 13$	<b>Method 3</b> $(8 + 3) + 2$ $= 11 + 2 = 13$
---------	---	--	---

6, 4, 2	<b>Method 1</b> $(6 + 4) + 2$ $= 10 + 2 = 12$	<b>Method 2</b> $(2 + 4) + 6$ $= 6 + 6 = 12$	<b>Method 3</b> $4 + (6 + 2)$ $= 4 + 8 = 12$
---------	---	--	--

7, 1, 4	<b>Method 1</b> $(7 + 1) + 4$ $= 8 + 4 = 12$	<b>Method 2</b> $7 + (1 + 4)$ $= 7 + 5 = 12$	<b>Method 3</b> $(7 + 4) + 1$ $= 11 + 1 = 12$
---------	--	--	---

3, 4, 5	<b>Method 1</b> $(3 + 4) + 5$ $= 7 + 5 = 12$	<b>Method 2</b> $3 + (4 + 5)$ $= 3 + 9 = 12$	<b>Method 3</b> $4 + (5 + 3)$ $= 4 + 8 = 12$
---------	--	--	--



6.

$$9 + (8 + 7)$$

$$9 + 15 = 24$$

$$(4 + 9) + 6$$

$$13 + 6 = 24$$

$$(25 + 15) + 10$$

$$40 + 10 = 50$$

$$72 + (98 + 45)$$

$$72 + 143 = 215$$

$$64 + (36 + 42)$$

$$64 + 78 = 142$$

$$(19 + 99) + 35$$

$$118 + 35 = 153$$

$$43 + (57 + 38)$$

$$43 + 95 = 138$$

$$4 + (9 + 6)$$

$$4 + 15 = 19$$

$$(72 + 98) + 45$$

$$170 + 45 = 215$$

$$(9 + 8) + 7$$

$$17 + 7 = 24$$

$$25 + (15 + 10)$$

$$25 + 25 = 50$$

$$(52 + 49) + 71$$

$$101 + 71 = 172$$

$$52 + (49 + 71)$$

$$52 + 120 = 172$$

$$(43 + 57) + 38$$

$$100 + 38 = 138$$

$$19 + (99 + 35)$$

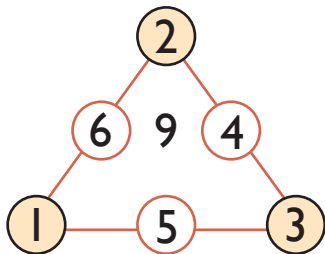
$$19 + 134 = 153$$

$$(64 + 36) + 42$$

$$100 + 42 = 142$$

### Hots Questions

1.



2.

$$\bullet 2 + \boxed{1} = 3 + \boxed{0}$$

$$\bullet 7 + \boxed{0} = 7$$

$$\bullet 2 + 4 + \boxed{4} = \boxed{7} + 3$$

$$\bullet (2 + 3) + \boxed{7} = \boxed{2} + (3 + 7)$$

$$\bullet \boxed{9} + 8 = 9 + \boxed{8}$$

$$\bullet \boxed{4} + 6 + \boxed{5} = 4 + 5 + \boxed{6}$$

$$\bullet \boxed{9} + 0 = 9$$





# 5 Solving with and without Regrouping

## Answers

### Practice Time

1. (a) 2 tens 6 ones + 3 tens 7 ones = 5 tens 3 ones

$$26 + 37 = 53$$

(b) 1 tens 5 ones + 2 tens 5 ones = 3 tens 10 ones

$$30 + 10 = 40$$

(c) 1 tens 9 ones + 1 tens 4 ones = 2 tens 13 ones

$$20 + 13 = 33$$

(d) 2 tens 9 ones + 1 tens 7 ones = 3 tens 16 ones

$$30 + 17 = 46$$

2. (a) 65      (b) 83      (c) 51      (d) 93      (e) 32

(f) 72      (g) 41      (h) 63      (i) 50

3. (a) 101      (b) 90      (c) 102      (d) 92

(e) 70      (f) 75      (g) 91      (h) 90





4.

$$\begin{array}{r} 29 \text{ children} \\ + 34 \text{ children} \\ \hline 63 \\ 63 \text{ children} \end{array}$$

$$\begin{array}{r} 27 \text{ goats} \\ + 45 \text{ cows} \\ \hline 72 \\ 72 \text{ animals} \end{array}$$

$$\begin{array}{r} 39 \\ + 25 \\ \hline 64 \\ 64 \text{ rose bushes} \end{array}$$

$$\begin{array}{r} 78 \text{ books} \\ + 26 \text{ books} \\ \hline 104 \\ 104 \text{ books} \end{array}$$

$$\begin{array}{r} 58 \text{ mangoes} \\ + 49 \text{ mangoes} \\ \hline 107 \\ 107 \text{ mangoes in the} \\ \text{basket, now} \end{array}$$

## Practice Time

1. (a)  $\boxed{2}$  tens  $\boxed{9}$  ones  $-$   $\boxed{0}$  tens  $\boxed{9}$  ones  $=$   $\boxed{2}$  tens  $\boxed{0}$  ones

$$\boxed{29} - \boxed{9} = \boxed{20}$$

(b)  $\boxed{2}$  tens  $\boxed{7}$  ones  $-$   $\boxed{1}$  tens  $\boxed{8}$  ones  $=$   $\boxed{0}$  tens  $\boxed{9}$  ones

$$\boxed{27} - \boxed{18} = \boxed{9}$$

(c)  $\boxed{2}$  tens  $\boxed{5}$  ones  $-$   $\boxed{1}$  tens  $\boxed{7}$  ones  $=$   $\boxed{0}$  tens  $\boxed{8}$  ones

$$\boxed{25} - \boxed{17} = \boxed{8}$$

(d)  $\boxed{2}$  tens  $\boxed{1}$  ones  $-$   $\boxed{1}$  tens  $\boxed{4}$  ones  $=$   $\boxed{0}$  tens  $\boxed{7}$  ones

$$\boxed{21} - \boxed{14} = \boxed{7}$$





2. (a) 37      (b) 27      (c) 32      (d) 18      (e) 27      (f) 26

3. (a) 15      (b) 10      (c) 40      (d) 27

(e) 13      (f) 18      (g) 35      (h) 02

4.

$$\begin{array}{r} 35 \text{ birds} \\ - 19 \text{ birds} \\ \hline 16 \\ 16 \text{ birds left on} \\ \text{the tree} \end{array}$$

$$\begin{array}{r} 92 \text{ eggs} \\ - 17 \text{ eggs} \\ \hline 75 \\ 75 \text{ good eggs are them} \\ \text{in the basket} \end{array}$$

$$\begin{array}{r} 54 \text{ coins} \\ - 15 \text{ coins} \\ \hline 39 \\ 39 \text{ coins left} \\ \text{with meena} \end{array}$$

$$\begin{array}{r} 75 \text{ books} \\ - 59 \text{ books} \\ \hline 16 \\ 16 \text{ story books} \\ \text{left in the shop} \end{array}$$

$$\begin{array}{r} 62 \text{ candles} \\ - 49 \text{ candles} \\ \hline 13 \\ 13 \text{ candles are} \\ \text{still burning} \end{array}$$

## Practice Time

1.

$25 + 19 = 44$

$44 - 25 = 19$

$44 - 19 = 25$

$12 + 18 = 30$

$30 - 12 = 18$

$30 - 18 = 12$

$16 + 44 = 60$

$60 - 16 = 44$

$60 - 44 = 16$

$37 + 13 = 50$

$50 - 37 = 13$

$50 - 13 = 37$



$25 + 19 = 44$

$44 - 25 = 19$

$44 - 19 = 25$

$12 + 18 = 30$

$30 - 12 = 18$

$30 - 18 = 12$

$16 + 44 = 60$

$60 - 16 = 44$

$60 - 44 = 16$

$37 + 13 = 50$

$50 - 37 = 13$

$50 - 13 = 37$

## Scan Your Brain

1. (a) 81      (b) 41      (c) 100      (d) 98      (e) 43

(f) 36      (g) 95      (h) 100      (i) 90      (j) 91

2. (a) 118      (b) 115      (c) 119      (d) 187

3. (a) 12      (b) 38      (c) 29      (d) 18

(e) 57      (f) 75      (g) 52      (h) 22

4.  $37 - 22 = 15$        $22 + 15 = 37$

$48 - 18 = 30$        $18 + 30 = 48$

$67 - 38 = 29$        $38 + 29 = 67$

$57 - 46 = 11$        $46 + 11 = 57$

$71 - 48 = 23$        $48 + 23 = 71$

$53 - 28 = 25$        $28 + 25 = 53$





## Hots Questions

1. 123.

2. 1,000

3. a) 
$$\begin{array}{r} 985 \\ + 327 \\ \hline 1312 \end{array}$$

b) 
$$\begin{array}{r} 789 \\ + 221 \\ \hline 1000 \end{array}$$

4. 

H	T	O
2	4	8
+ 3	2	3
5 7 1		

H	T	O
4	3	7
+ 3	8	3
8 2 0		

H	T	O
5	3	6
+ 4	7	6
10 1 2		

# 6 Learning Subtraction

## Answers

### Practice Time

1. (a)  $42 - 20 = 22$  (b)  $28 - 15 = 13$  (c)  $33 - 30 = 3$  (d)  $22 - 16 = 6$

2. (a) 35 (b) 21 (c) 72 (d) 21 (e) 10

(f) 33 (g) 61 (h) 50 (i) 72 (j) 35

(j) 47 (k) 39 (l) 22 (m) 90 (n) 83

3. (a) 31 (b) 31 (c) 32 (d) 70 (e) 10

(f) 22 (g) 32 (h) 22 (i) 74 (j) 16



4.

59 apples  
– 35 apples  
24  
24 apples  
are left on  
the tree.

29 birds  
– 15 birds  
14  
24 birds  
are left on  
the tree.

37 children  
– 20 girls  
17  
17 are boys

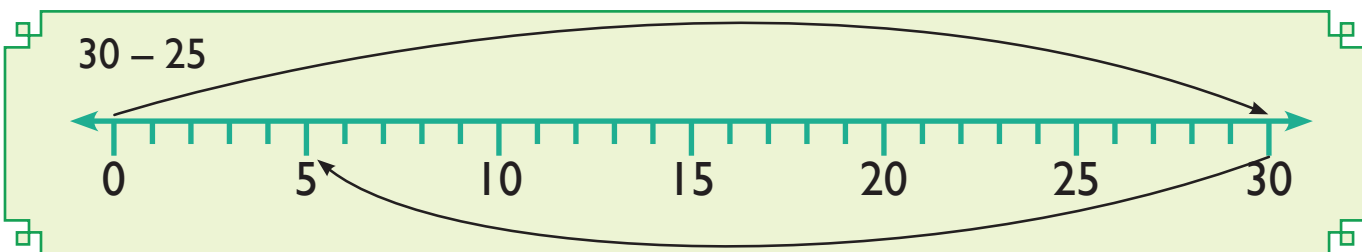
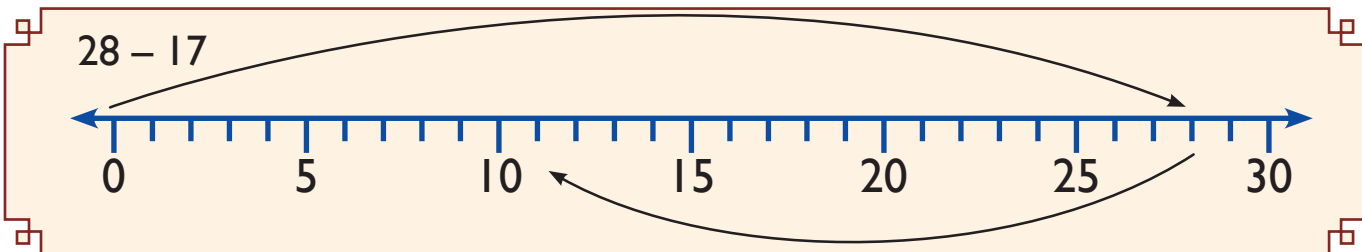
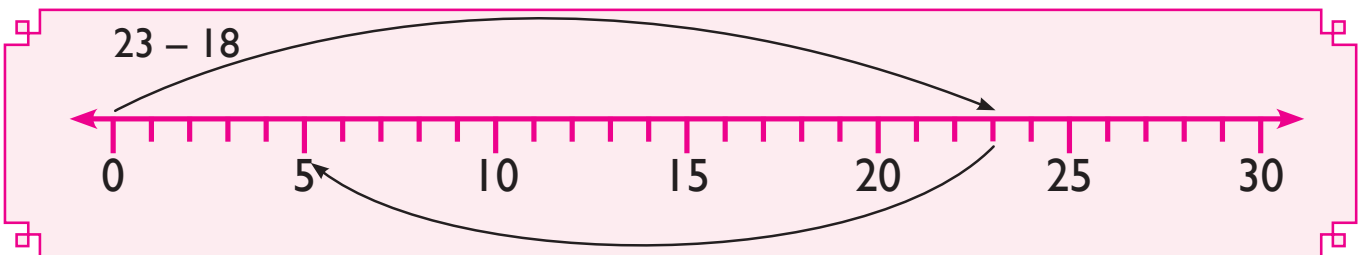
68 balloons  
– 54 balloons  
14  
24 balloons  
are left with  
Ramu.

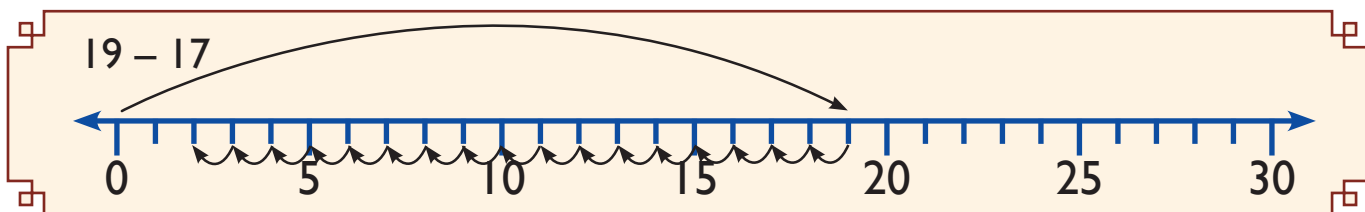
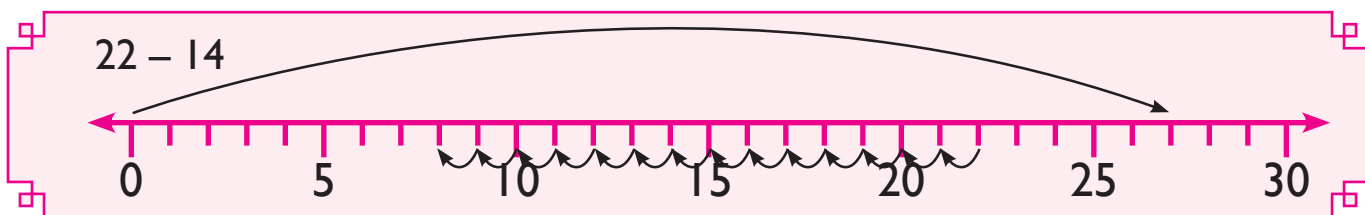
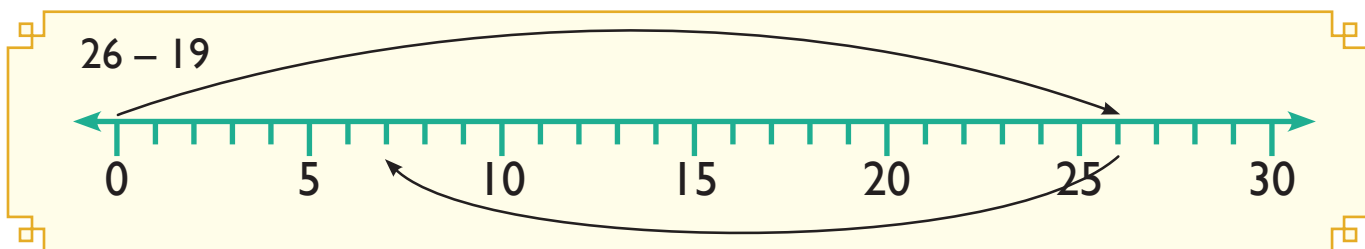
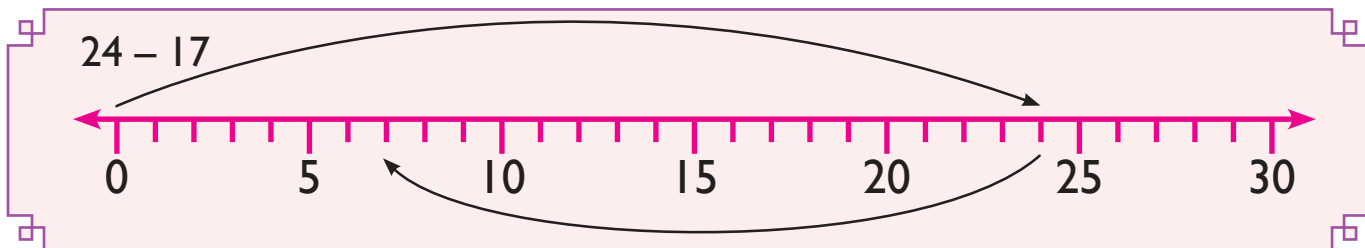
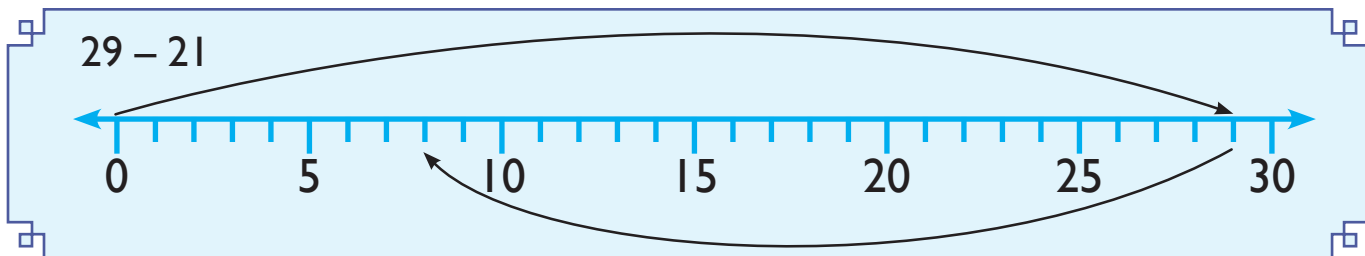
28 plants  
– 15 rose plants  
13  
13 plants are  
not rose  
plants.

97 beads  
– 46 pink beads  
51  
51 beads  
are blue

## Practice Time

1.





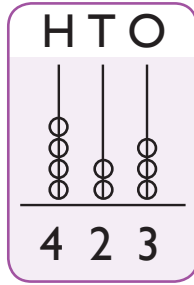
2.  $200 - 189 = 11$      $173 - 148 = 25$      $123 - 99 = 24$      $115 - 85 = 30$   
 $154 - 143 = 11$      $175 - 157 = 18$      $120 - 89 = 31$      $140 - 126 = 14$   
 $133 - 109 = 24$      $200 - 155 = 45$

## Practice Time

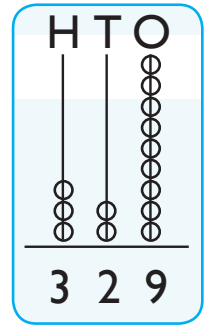
1. (a) 533    (b) 423    (c) 629    (d) 921    (e) 208  
(f) 601    (g) 613    (h) 701    (i) 800

2.

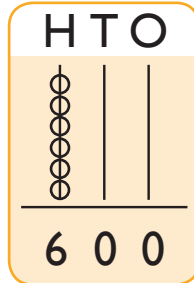
$$\begin{array}{r} \text{H T O} \\ 548 \\ -125 \\ \hline 423 \end{array}$$



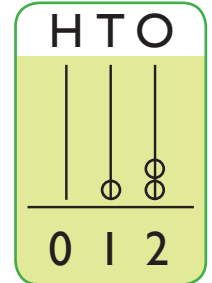
$$\begin{array}{r} \text{H T O} \\ 659 \\ -330 \\ \hline 329 \end{array}$$



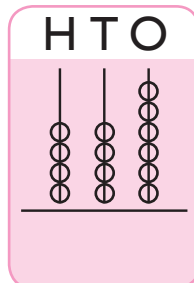
$$\begin{array}{r} \text{H T O} \\ 859 \\ -259 \\ \hline 600 \end{array}$$



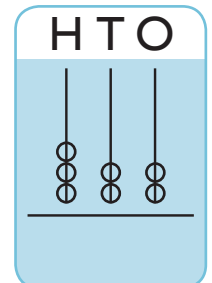
$$\begin{array}{r} \text{H T O} \\ 787 \\ -775 \\ \hline 012 \end{array}$$



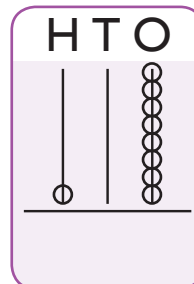
$$\begin{array}{r} \text{H T O} \\ 989 \\ -543 \\ \hline 446 \end{array}$$



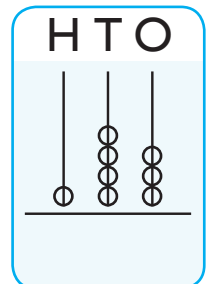
$$\begin{array}{r} \text{H T O} \\ 475 \\ -353 \\ \hline 322 \end{array}$$



$$\begin{array}{r} \text{H T O} \\ 278 \\ -170 \\ \hline 108 \end{array}$$



$$\begin{array}{r} \text{H T O} \\ 675 \\ -532 \\ \hline 143 \end{array}$$





H T O	H T O
6 9 7	
- 4 8 7	
2 1 0	

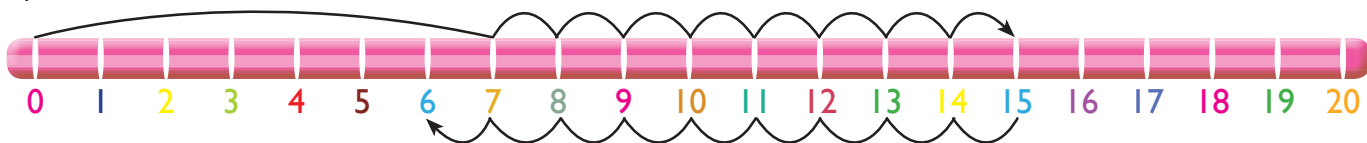
H T O	H T O
7 5 9	
- 1 0 7	
6 5 2	

H T O	H T O
9 5 7	
- 1 4 2	
8 1 5	

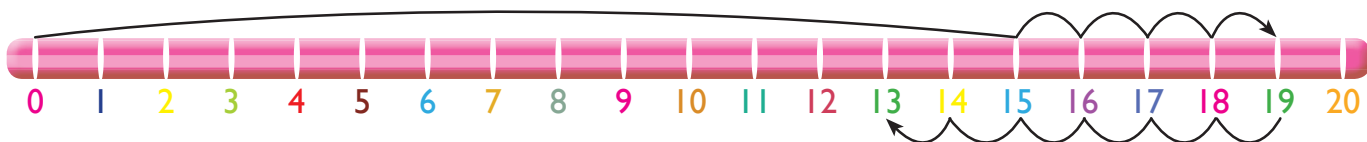
H T O	H T O
2 3 5	
- 1 3 4	
1 0 1	

## Scan Your Brain

1. a) 6



b) 13



2. a)  $38 - 25 = 13$   
 c)  $84 - 62 = 22$   
 e)  $495 - 235 = 260$   
 g)  $799 - 199 = 600$

- b)  $97 - 71 = 26$   
 d)  $79 - 55 = 24$   
 f)  $667 - 546 = 121$

3.

HTO	HTO
9 5 7	
- 3 4	
9 2 3	

HTO	HTO
6 7 8	
- 5 7	
6 2 1	

HTO	HTO
8 2 9	
- 1 9	
8 1 0	

HTO	HTO
5 6 7	
- 4 3	
5 2 4	

HTO	HTO
6 3 5	
- 4 2 4	
2 1 1	

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

HTO	HTO
7 3 9	
- 2 1 6	
5 2 3	

HTO	HTO
4 8 1	
- 2 4 1	
2 4 0	

HTO	HTO
9 5 3	
- 4 5 0	
5 0 3	

HTO	HTO
5 9 5	
- 1 5 5	
4 4 0	

HTO	HTO
4 9 9	
- 3 5 0	
1 4 9	

HTO	HTO
4 0 4	
- 2 0 2	
2 0 2	

## Hots Questions

1.  $467 - 333 = 134$

2. 
$$\begin{array}{r} 175 \text{ trees} \\ - 54 \text{ trees} \\ \hline 121 \end{array}$$

$$\begin{array}{r} 197 \text{ trees} \\ - 121 \text{ trees} \\ \hline 76 \end{array}$$

121 trees in left  
in the park

76 more table  
planted





# 7 Getting Ready for Multiplication

## Answers

### Practice Time

1.

$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2$$

$$8 \times 2 = 16 \quad \text{Factors : 8, 2} \quad \text{Product : 16}$$

$$5 + 5 + 5 + 5 + 5 = 25$$

$$5 \times 5 = 25 \quad \text{Factors : 5, 5} \quad \text{Product : 25}$$

$$4 + 4 + 4 + 4 = 16$$

$$4 \times 4 = 16 \quad \text{Factors : 4, 4} \quad \text{Product : 16}$$

$$6 + 6 + 6 + 6 + 6 + 6 = 36$$

$$6 \times 6 = 36 \quad \text{Factors : 6, 6} \quad \text{Product : 36}$$

$$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3$$

$$9 \times 3 = 27 \quad \text{Factors : 9, 3} \quad \text{Product : 27}$$



2.

Factors	Repeated addition	Commutative property	Repeated addition	Product
$7 \times 9$	$9 + 9 + 9 + 9 + 9 + 9 + 9$	$9 \times 7$	$7 + 7 + 7 + 7 + 7 + 7 + 7$	63
$8 \times 5$	$5 + 5 + 5 + 5 + 5 + 5 + 5$	$5 \times 8$	$8 + 8 + 8 + 8 + 8 + 8$	40
$6 \times 4$	$4 + 4 + 4 + 4 + 4 + 4$	$4 \times 6$	$6 + 6 + 6 + 6$	24
$3 \times 9$	$9 + 9 + 9$	$9 \times 3$	$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3$	27
$4 \times 5$	$5 + 5 + 5 + 5$	$5 \times 4$	$4 + 4 + 4 + 4 + 4$	20
$10 \times 3$	$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3$	$3 \times 10$	$10 + 10 + 10$	30
$9 \times 1$	$1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1$	$1 \times 9$	9	9
$2 \times 9$	$9 + 9$	$9 \times 2$	$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2$	18
$4 \times 8$	$8 + 8 + 8 + 8$	$8 \times 4$	$4 + 4 + 4 + 4 + 4 + 4 + 4 + 4$	32
$7 \times 6$	$6 + 6 + 6 + 6 + 6 + 6 + 6$	$6 \times 7$	$7 + 7 + 7 + 7 + 7 + 7 + 7$	42

3. (a)  $4 \times 3 = 12$     (b)  $7 \times 4 = 28$     (c)  $2 \times 5 = 10$     (d)  $9 \times 5 = 45$

### Practice Time



(a) 3, 6, 9, 12, 15, 18, 21, 24, 27, 30

(b) 2, 4, 6, 8, 10, 12, 14, 16, 18



(c) 3, 6, 9, 12, 15, 18, 21, 24

(d) 4, 8, 12, 16, 20, 24, 28, 32, 36, 40

(e) 5, 10, 15, 20, 25, 30, 35

(f) 6, 12, 18, 24, 30, 36

(g) 7, 14, 21, 28, 35, 42, 49

(h) 8, 16, 24, 32, 40, 48, 56, 64

2. (i) 9, 18, 27, 36, 45, 54, 63, 72, 81

(j) 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

3.

1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100





# Practice Time

1.

	30		3	
27	9	10	1	6
24	8	<b>3 ×</b>	3	9
21	7	6	5	4
	18		15	

2. (a) 10      (b) 24      (c) 18      (d) 35      (e) 36      (f) 8      (g) 63  
 (h) 80      (i) 63      (j) 9      (k) 32      (l) 18      (m) 45      (n) 25  
 (o) 24      (p) 30
3. (a) 24      (b) 49      (c) 54      (d) 10      (e) 32      (f) 20      (g) 30  
 (h) 24      (i) 28      (j) 39      (k) 84      (l) 99      (m) 48      (n) 63  
 (o) 68      (p) 80

# Scan Your Brain

1.

Column A	Column B
	4 × 5
	5 × 7
	6 × 3
	8 × 4



2. (a) 0      (b) 6      (c) 40      (d) 0      (e) 7      (f) 1      (g) 15  
 (h) 80      (i) 6      (j) 45      (k) 48      (l) 2

3.

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

4.

$10 \times 3$   
 = 30 parrots

$2 \times 10$   
 = 20 coins

$5 \times 4$   
 = 20 flowers

$4 \times 7$   
 = 28 keys

$4 \times 9$   
 = 36 tyres



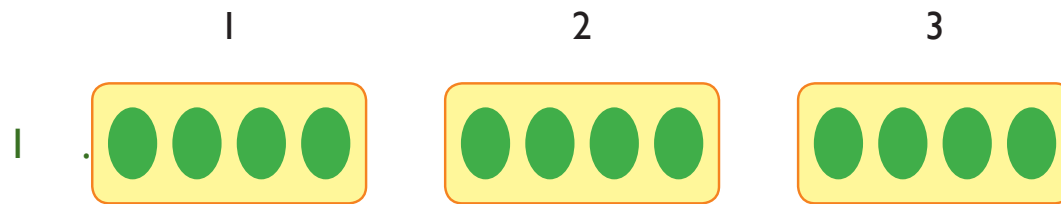
## Hots Questions

1. (a) 100 (b) 30 (c) 60 (d) 18
2. (a)  $1 \times 5$  (b)  $2 \times 5$  (c)  $3 \times 5$  (d)  $4 \times 5$

# 8 Getting Ready for Division

## Answers

### Practice Time



Total number : 12

Number in each group = 4

Number of groups = 3

- |   |   |
|---|---|
| <p>2. (a) Total number = 14<br/>Number in each group = 2<br/>Number of groups = 7</p> <p>(c) Total number = 14<br/>Number in each group = 2<br/>Number of groups = 7</p> <p>(e) Total number = 20<br/>Number in each group = 2<br/>Number of groups = 10</p> <p>(g) Total number = 6<br/>Number in each group = 2</p> | <p>(b) Total number = 8<br/>Number in each group = 2<br/>Number of groups = 4</p> <p>(d) Total number = 8<br/>Number in each group = 2<br/>Number of groups = 4</p> <p>(f) Total number = 9<br/>Number in each group = 2<br/>Number of groups = 4</p> <p>(h) Total number = 12<br/>Number in each group = 2</p> |
|---|---|





$$\text{Number of groups} = 3$$

$$\text{Number of groups} = 6$$

(i)  $\text{Total number} = 12$

(j)  $\text{Total number} = 18$

$$\text{Number in each group} = 2$$

$$\text{Number in each group} = 2$$

$$\text{Number of groups} = 6$$

$$\text{Number of groups} = 9$$

3. (a)  $\text{Total number} = 10$

(b)  $\text{Total number} = 15$

$$\text{Number in each group} = 5$$

$$\text{Number in each group} = 5$$

$$\text{Number of groups} = 2$$

$$\text{Number of groups} = 3$$

(c)  $\text{Total number} = 20$

(d)  $\text{Total number} = 15$

$$\text{Number in each group} = 5$$

$$\text{Number in each group} = 5$$

$$\text{Number of groups} = 4$$

$$\text{Number of groups} = 1$$

(e)  $\text{Total number} = 25$

$$\text{Number in each group} = 5$$

$$\text{Number of groups} = 5$$

4. (a)  $\text{Total number} = 20$

(b)  $\text{Total number} = 20$

$$\text{Number in each group} = 10$$

$$\text{Number in each group} = 10$$

$$\text{Number of groups} = 2$$

$$\text{Number of groups} = 2$$

(c)  $\text{Total number} = 40$

$$\text{Number in each group} = 10$$

$$\text{Number of groups} = 4$$

5. (a)  $14 \div 7 = 2$     (b)  $18 \div 3 = 6$     (c)  $15 \div 3 = 5$     (d)  $24 \div 6 = 4$

(e)  $36 \div 6 = 6$     (f)  $35 \div 5 = 7$     (g)  $36 \div 6 = 6$     (h)  $10 \div 5 = 2$

(i)  $48 \div 6 = 8$





## Practice Time

I.

$26 \div 2$

Dividend

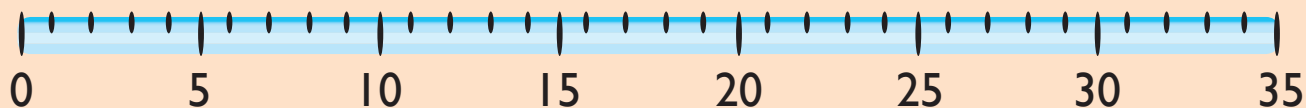
26

Divisor

2

Quotient

13



$24 \div 3$

Dividend

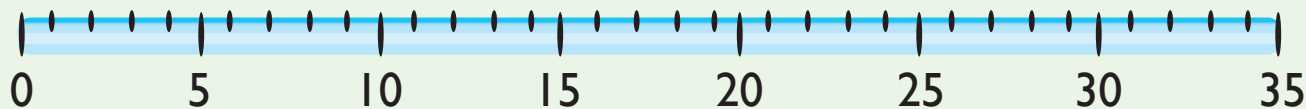
24

Divisor

3

Quotient

8



$20 \div 4$

Dividend

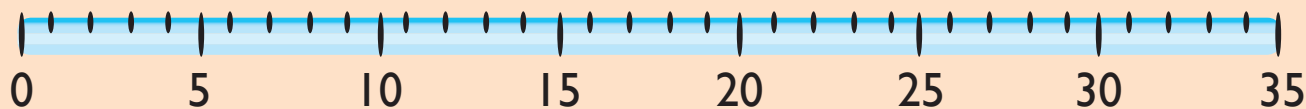
20

Divisor

4

Quotient

5



$21 \div 7$

Dividend

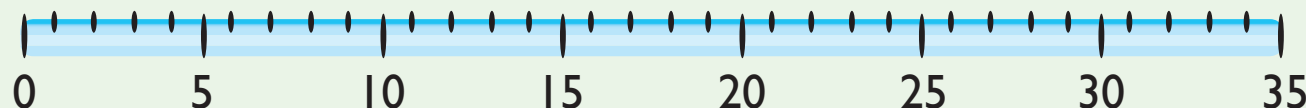
21

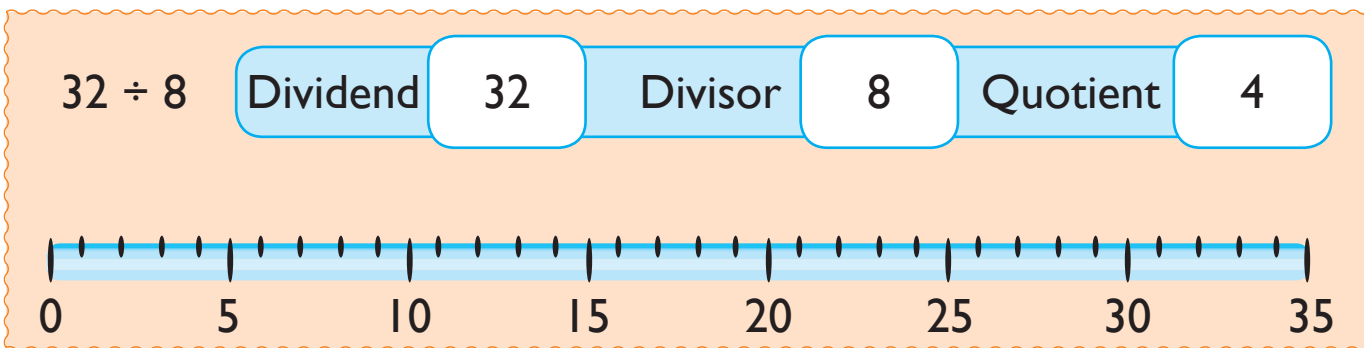
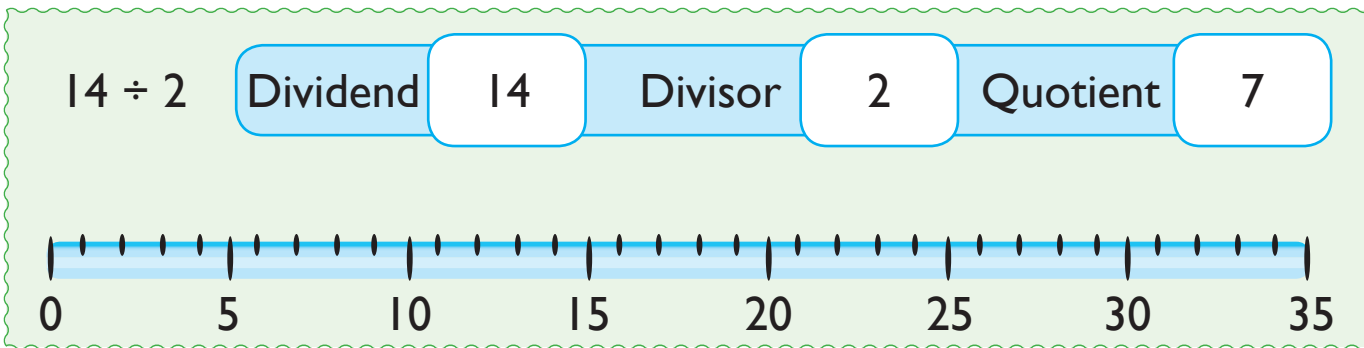
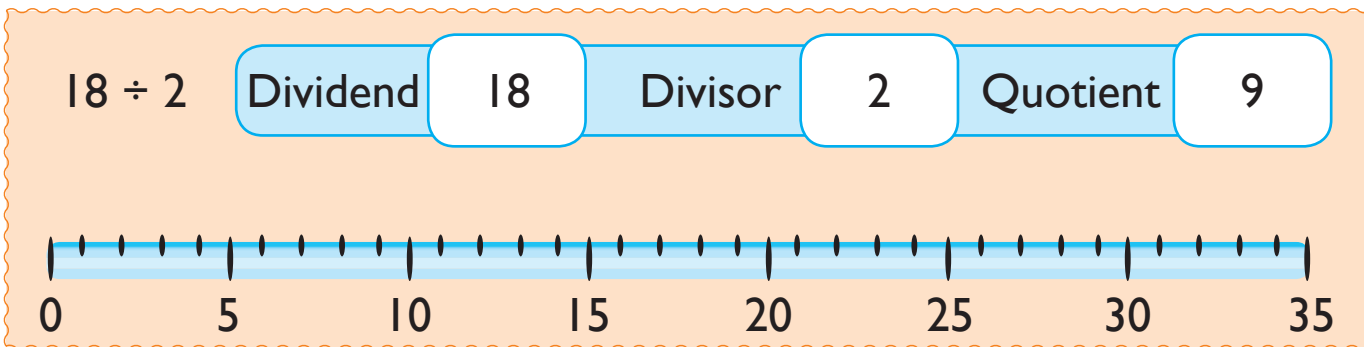
Divisor

7

Quotient

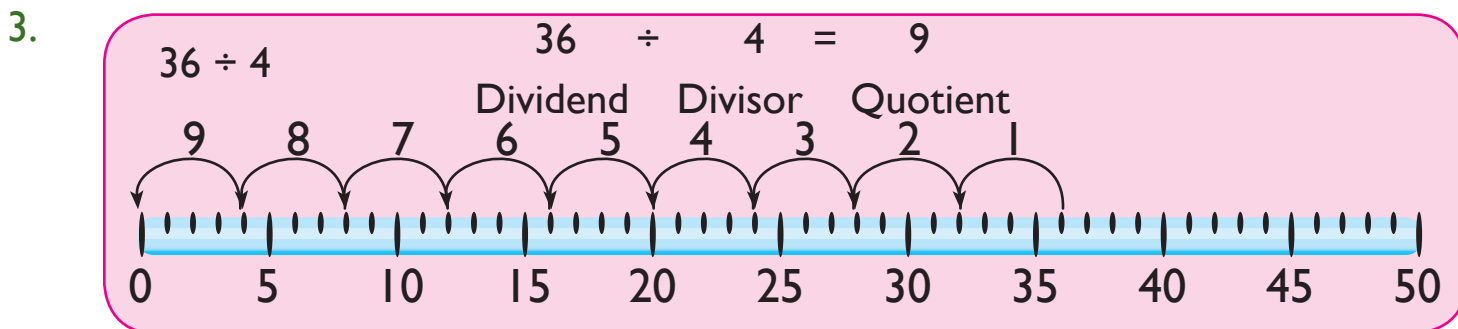
3

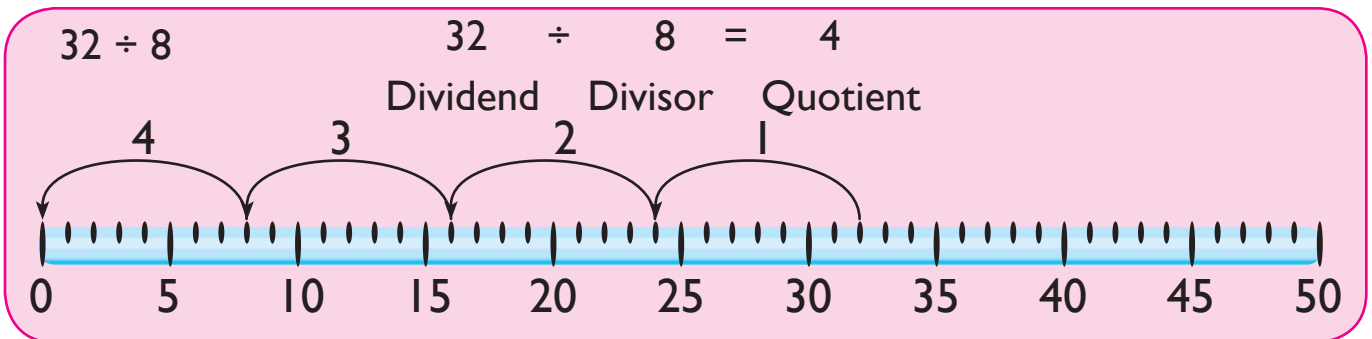
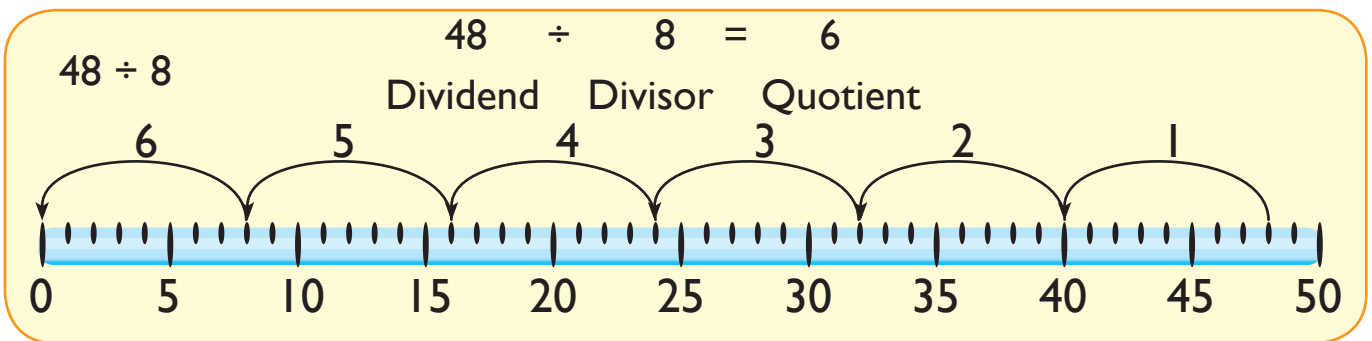
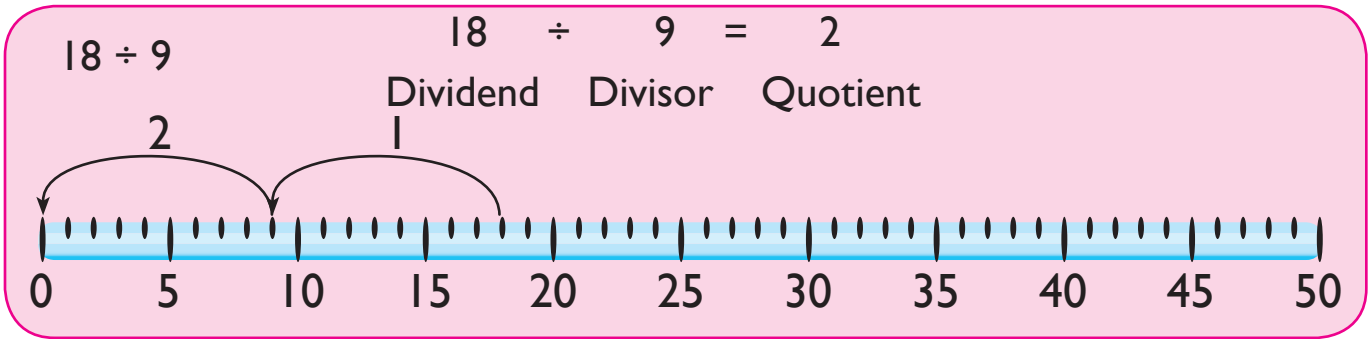
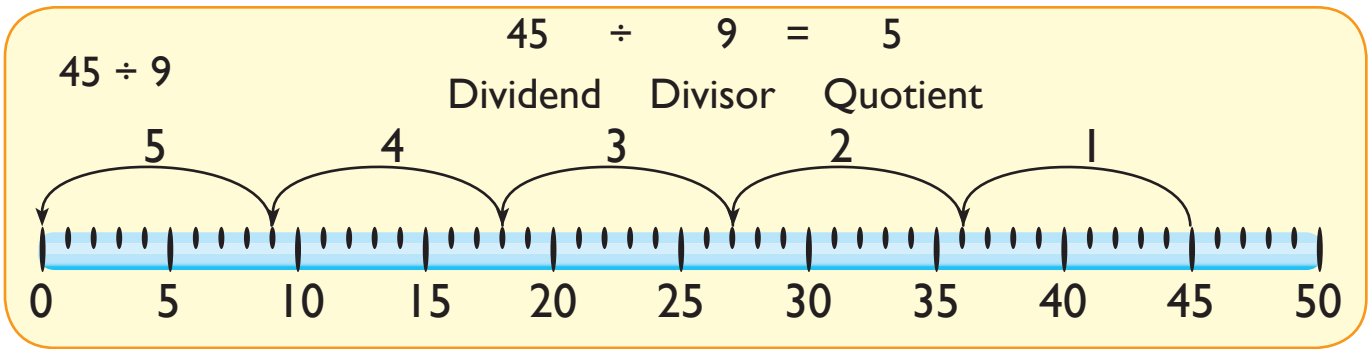




### Scan Your Brain

- (a) ④    (b) ②    (c) ⑤    (d) ③    (e) ⑧
- (a)  $16 \div 4 = 4$     (b)  $9 \div 3 = 3$     (c)  $12 \div 4 = 3$     (d)  $10 \div 2 = 5$   
 (e)  $6 \div 2 = 3$     (f)  $18 \div 6 = 3$





## Hots Questions

1. There are 7 days in a week.  $28 \div 7 = 4$  weeks in a month
- a)  $28 \div 7 = 4$  weeks in a month
  - b)  $364 \div 7 = 52$  weeks in a year





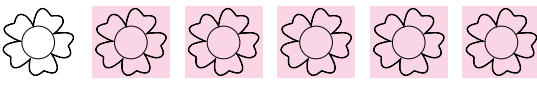
# 9 Fractions

## Answers

### Practice Time


1. (a)  $\frac{1}{2}$  (b)  $\frac{4}{9}$  (c)  $\frac{4}{7}$  (d)  $\frac{4}{8}$  (e)  $\frac{2}{4}$  (f)  $\frac{3}{4}$

2.  $\frac{4}{7}$  

$\frac{5}{6}$  

$\frac{4}{7}$  

$\frac{1}{3}$  

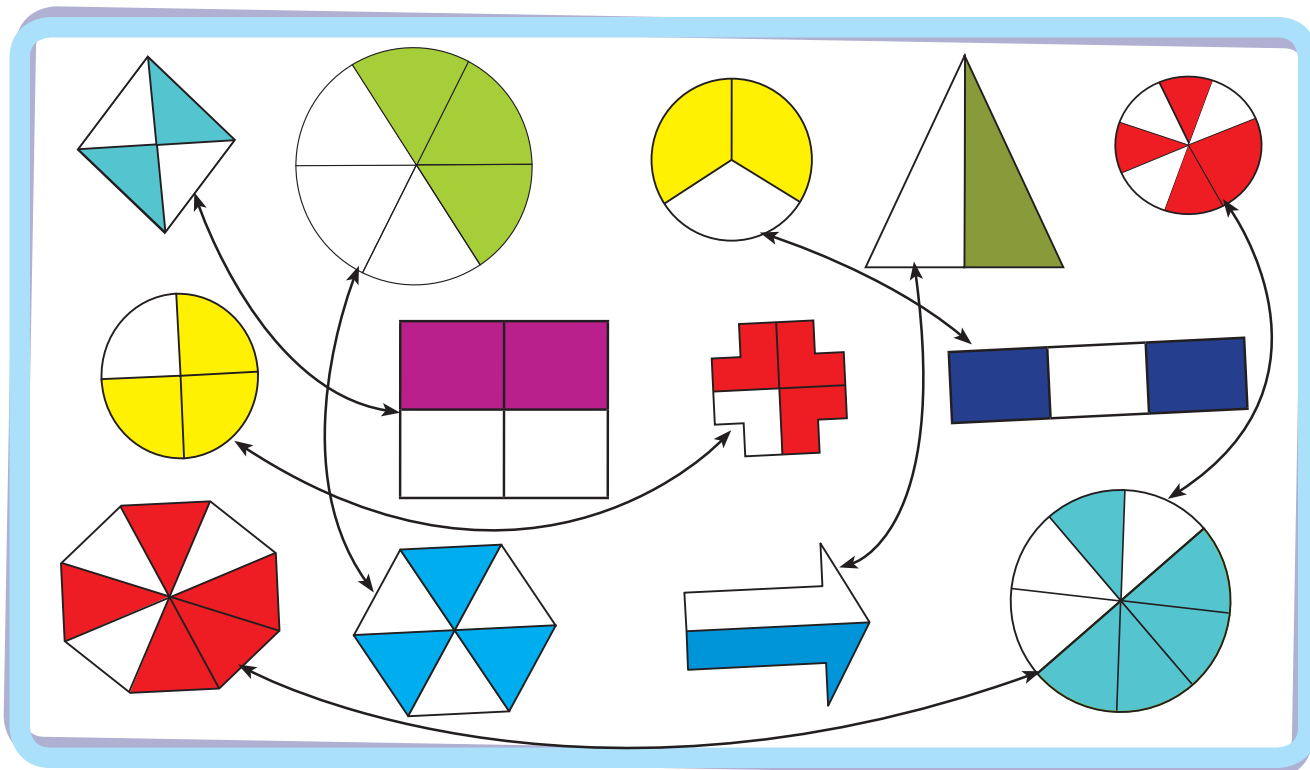
$\frac{5}{6}$  

$\frac{1}{2}$  

$\frac{1}{3}$  

$\frac{3}{5}$  

3.

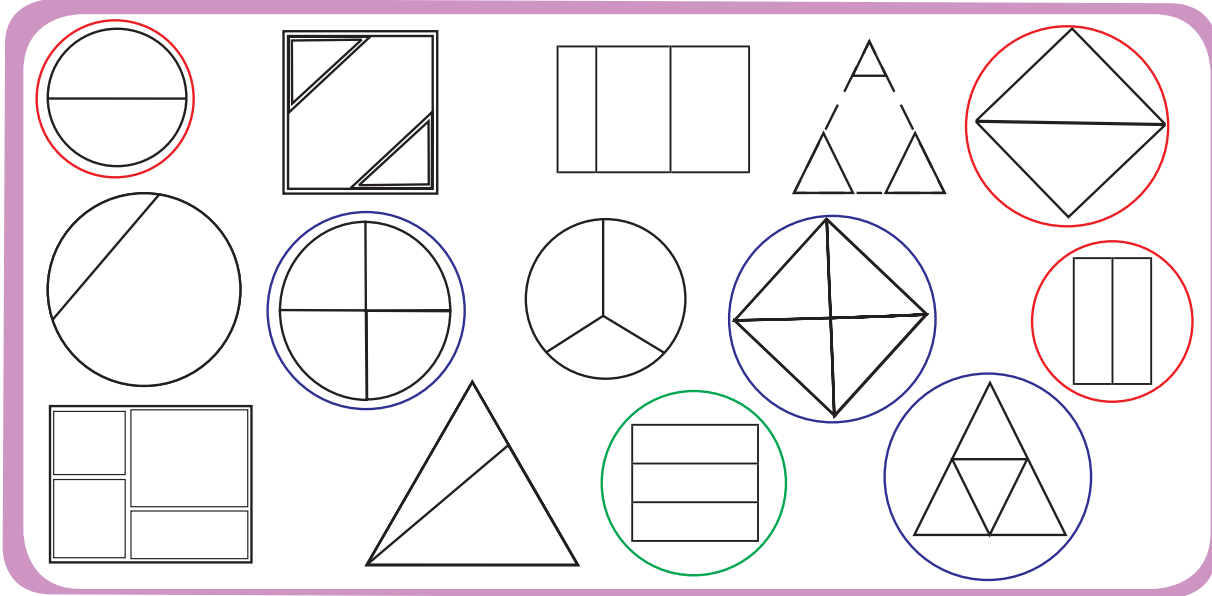




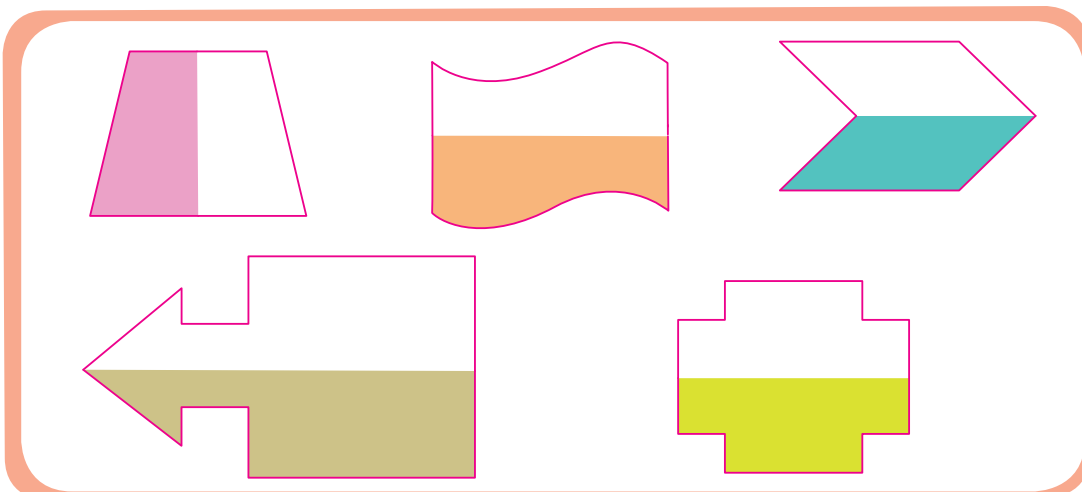
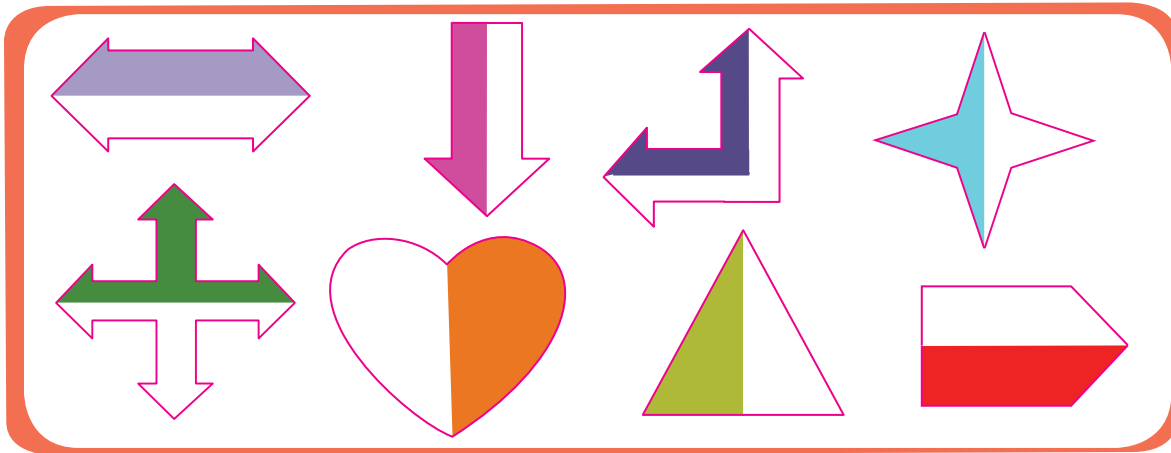
4. (a)  $\frac{4}{7}$  (b)  $\frac{4}{8}$  (c)  $\frac{3}{5}$  (d)  $\frac{5}{7}$  (e)  $\frac{7}{9}$  (f)  $\frac{4}{6}$

## Practice Time

1.

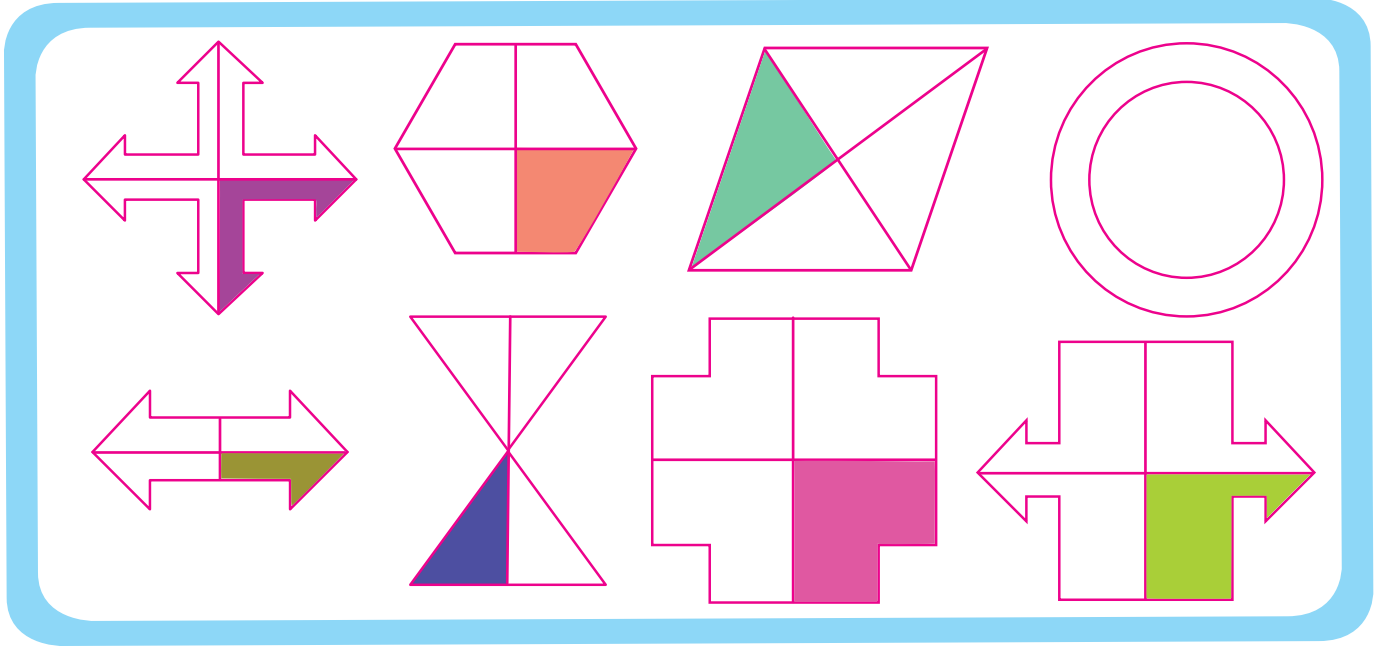


2.

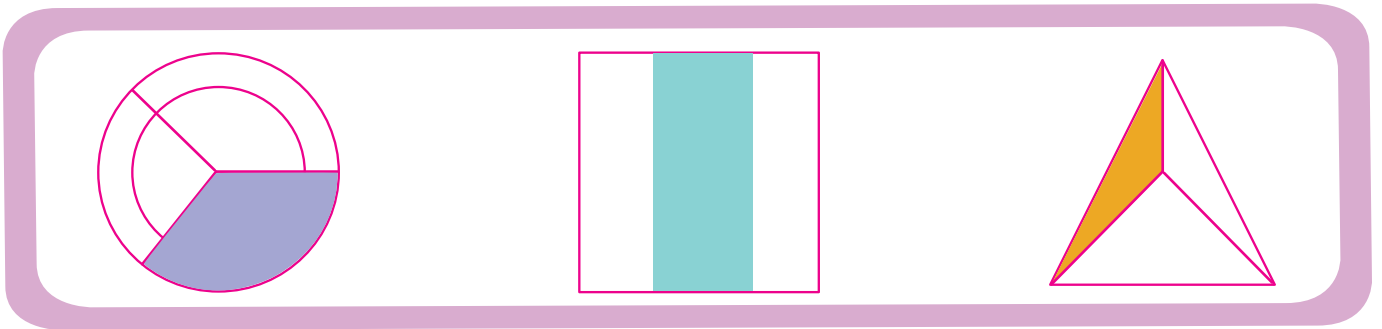




3.



4.

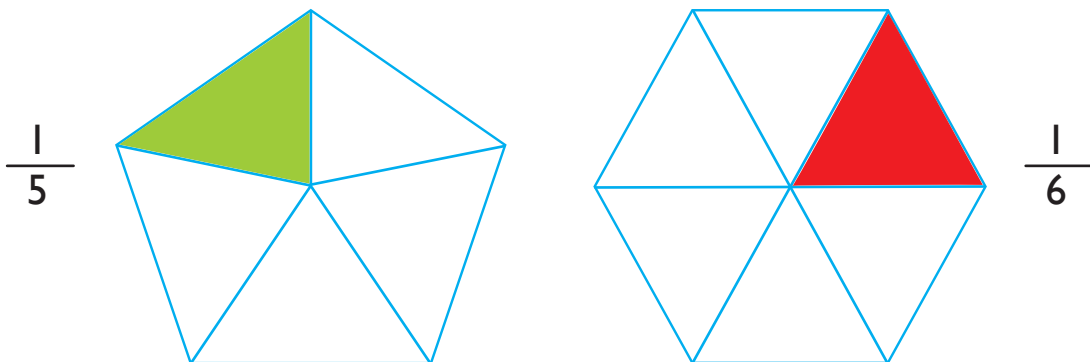


### Scan Your Brain

1. (a)  $\frac{4}{7}$     (b)  $\frac{3}{8}$     (c)  $\frac{5}{9}$     (d)  $\frac{1}{2}$     (e)  $\frac{3}{5}$   
 (f)  $\frac{4}{9}$     (g)  $\frac{2}{4}$     (h)  $\frac{2}{3}$     (i)  $\frac{4}{7}$

### Hots Questions

1.



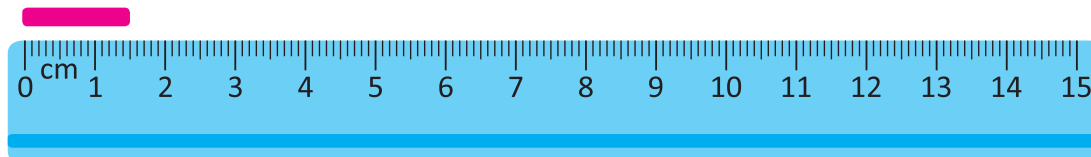
2.  $\frac{2}{6}$

# 10 The Metric Measures

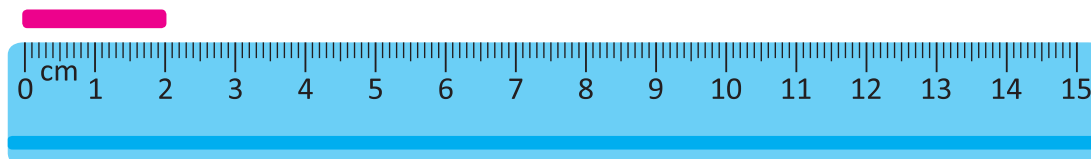
## Answers

### Practice Time

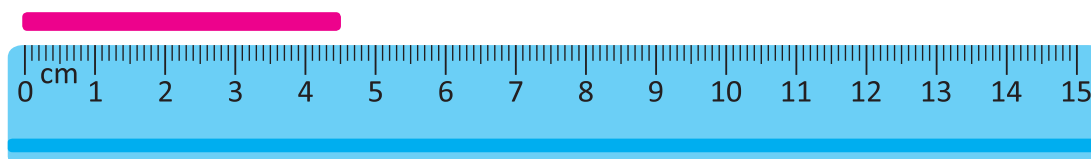
1. (a) Sharpener is 1.5 cm long; Eraser is 2 cm long  
Eraser is longer than sharpener.  
(b) Pen is 6 cm long; Pencil is 8.5 long  
Pencil is longer than pen  
(c) Crayon is 3.5 cm long; Chalk is 4 cm long  
Chalk is longer than crayon.
2. (a) m (b) m  
(c) cm (d) m  
(e) cm (f) cm  
(g) cm (h) cm
- 3 (i) m (j) m



1.5 cm

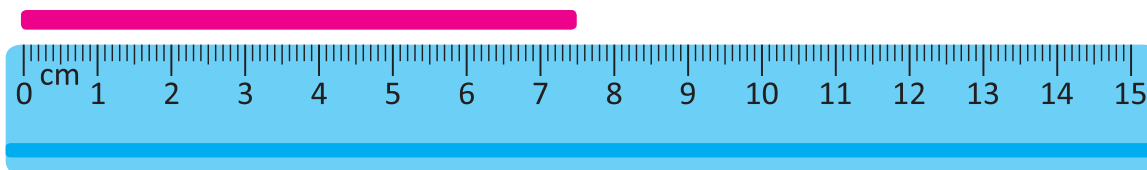


2.0 cm

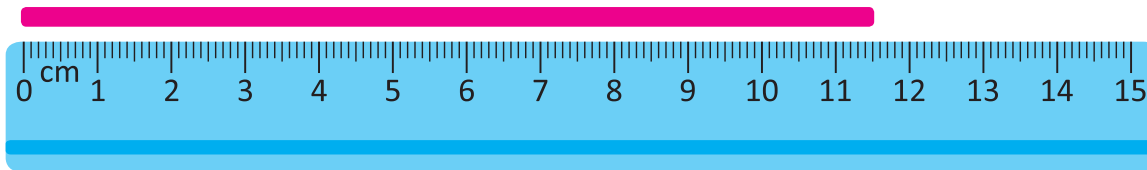


4.5 cm

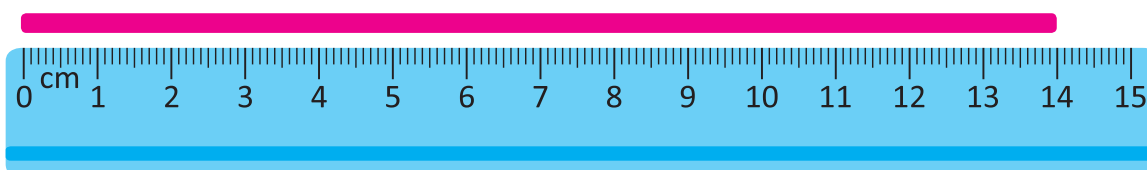




7.5 cm



11.5 cm

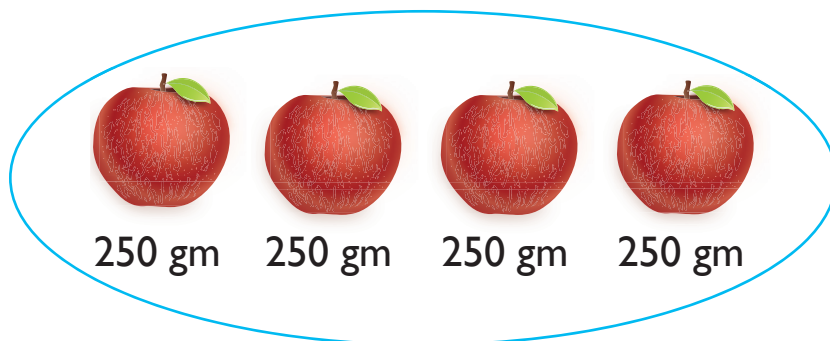


14 cm

### Practice Time

1. (a) The mass of the potatoes is 1000 gm or 1 Kg.  
(b) The mass of the grapes is 500 gm.  
(c) The mass of rice is 200 gm.  
(d) The mass of chocolates is 300 gm.  
(e) The mass of onions is 800 gm.

2.



3. (a)  $\checkmark$  gm / kg      (b)  $\checkmark$  gm / kg      (c) gm / kg  $\checkmark$





3.

$$\begin{array}{r} 456 \text{ gm} \\ + 545 \text{ gm} \\ \hline 1001 \end{array}$$

$$\begin{array}{r} 300 \text{ gm} \\ + 900 \text{ gm} \\ \hline 1200 \end{array}$$

$$\begin{array}{r} 927 \text{ gm} \\ + 124 \text{ gm} \\ \hline 1051 \end{array}$$

## Hots Questions

1. 
$$\begin{array}{r} 15 \text{ m} \\ + 17 \text{ m} \\ \hline 32 \text{ m} \end{array}$$
 Combined length of two ropes is 32 m

2. 
$$\begin{array}{r} 150 \text{ cm} \\ + 17 \text{ cm} \\ \hline 168 \text{ cm} \end{array}$$
 Ayush's height is 168 cm

3. 
$$\begin{array}{r} 51 \text{ kg (Nina's weight)} \\ - 49 \text{ kg (Rita's weight)} \\ \hline 2 \text{ kg} \end{array}$$
 Nina weighs more by 2 kg

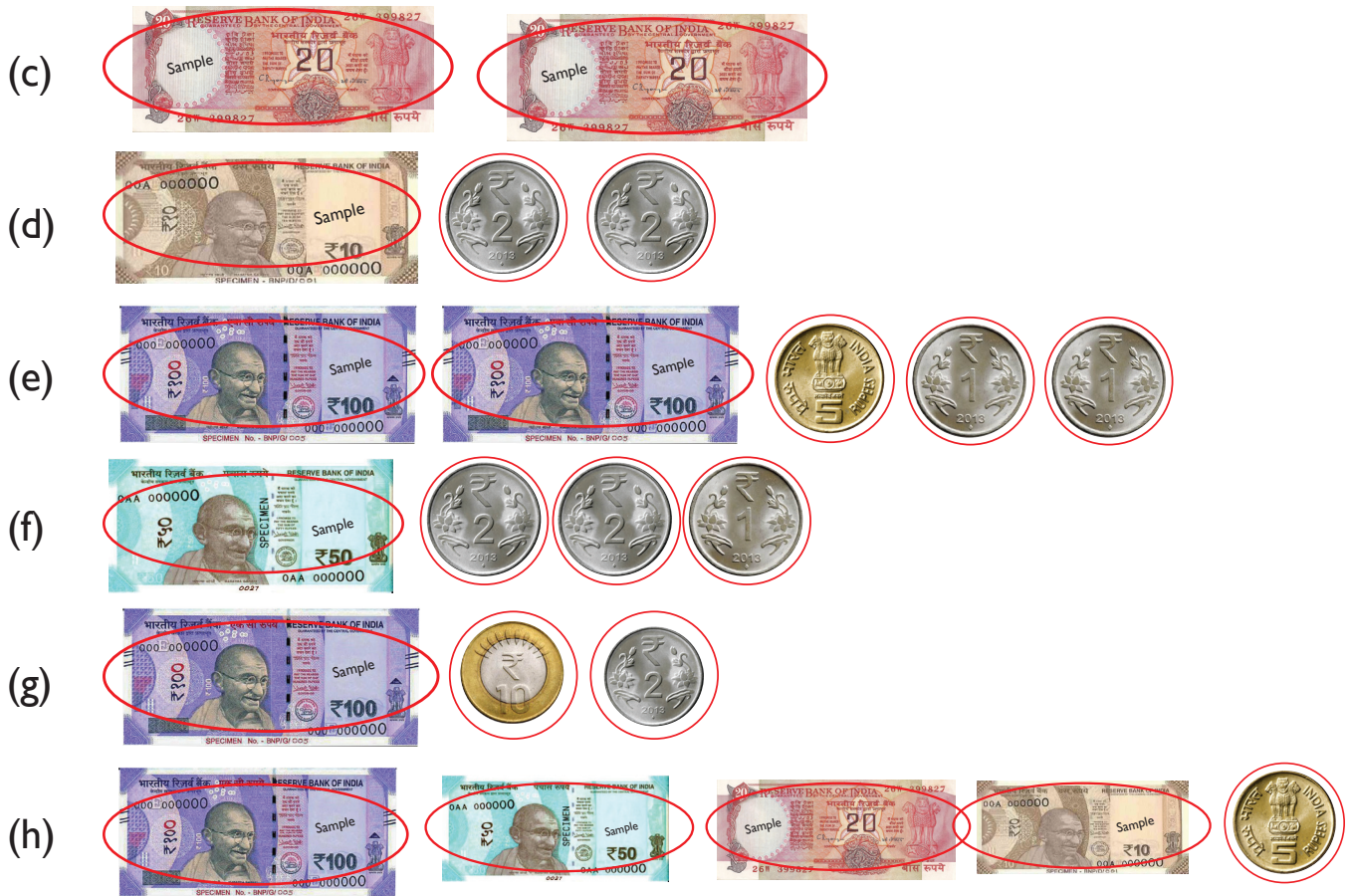
4. 
$$\begin{array}{r} 25 \text{ g} \\ \times 9 \\ \hline 225 \text{ gm} \end{array}$$
 The weight of 9 chocolate is 225 gm.

# Adding and Subtracting With Money

## Answers

### Practice Time





2. a) ₹ 1 + 5 paise      b) ₹ 1 + 50 paise      c) ₹ 20 + 10 paise  
 d) ₹ 21 + 5 paise      e) ₹ 100 + 45 paise      f) ₹ 50 + 50 paise

3. a) ₹ 64      b) ₹ 101      c) ₹ 135      d) ₹ 240

4. a)  $₹ 5 + ₹ 5 = ₹ 2 + ₹ 2 + ₹ 1 + ₹ 5$

b)  $₹ 10 + ₹ 10 = ₹ 5 + ₹ 20 + ₹ 5$

c)  $₹ 20 + ₹ 20 = ₹ 10 + ₹ 10 + ₹ 10 + ₹ 10$

d)  $₹ 20 + ₹ 10 = ₹ 5 + ₹ 10 + ₹ 10 + ₹ 10 + ₹ 5$

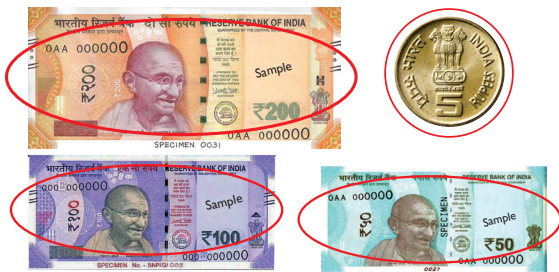
e)  $₹ 10 + ₹ 10 = ₹ 10 + ₹ 10 + ₹ 10 = ₹ 20 + ₹ 20 + ₹ 10$

## Scan Your Brain





(b)



(c)



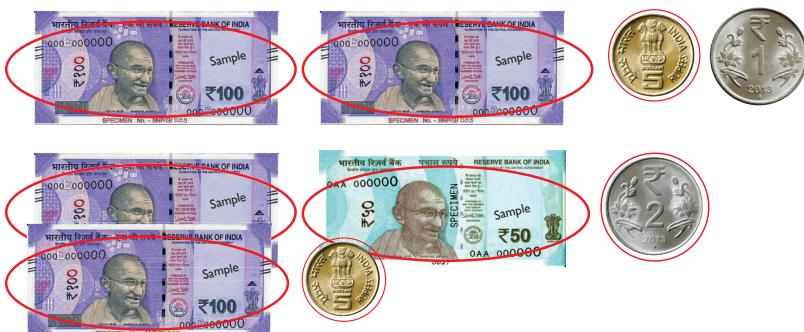
(d)



(e)



(f)



(g)



2.

10 ₹ (Notebook)  
 + 3 ₹ (Pencil)  
 -----  
 13 ₹

25 ₹  
 - 13 ₹  
 -----  
 12 ₹

Jofin has ₹ 12 with him

20 ₹ (Sugar)  
 + 15 ₹ (egg)  
 -----  
 35 ₹

Rahul paid ₹ 35  
 to the shopkeeper = ₹ 35

20 ₹

×

3

60

Reena have to

pay ₹ 60.

## Hots Questions

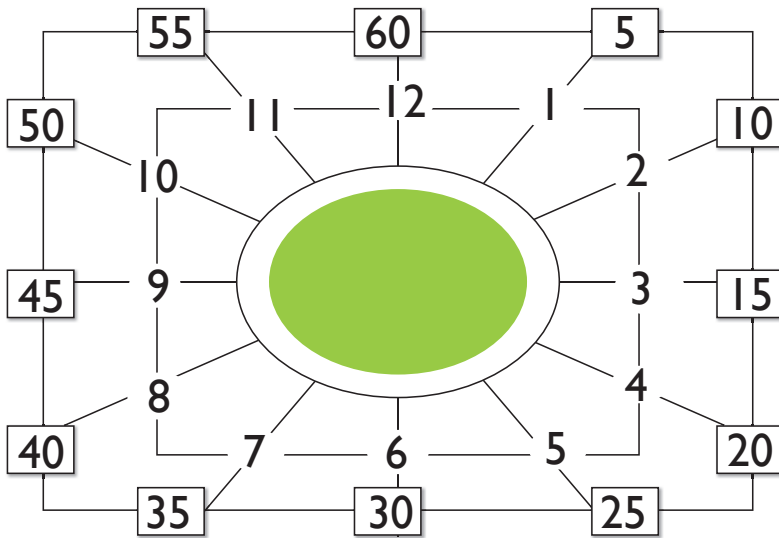
- $4 \times ₹ 10, 2 \times ₹ 2$  and  $1 \times ₹ 1$
- $₹ 56 \div 2 = 28 ₹$  (each of their share ₹ 28)  
Rani get back :  $₹ 57 - ₹ 28 = ₹ 29$   
Rani's brother got back :  $₹ 45 - ₹ 28 = ₹ 17$

# 12 Learning about Time

## Answers

### Practice Time

1.



2.

(a)

3 o'clock

3 : 00 : 44

(b)

2 o'clock

2 : 00 : 40

(c)

5 o'clock

5 : 00 : 54





(d)

10 o'clock

1 : 00 : 18

(e)

9 o'clock

9 : 00 : 24

(f)

11 o'clock

11 : 00 : 54

3.



1'o clock



2'o clock



12'o clock



10'o clock



4'o clock



9'o clock



6'o clock



8'o clock

4.

a) May

b) 4

c) 11

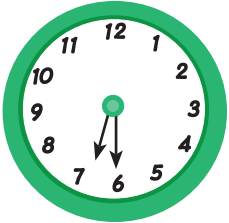
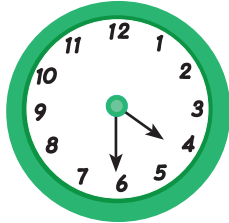
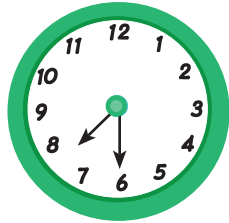
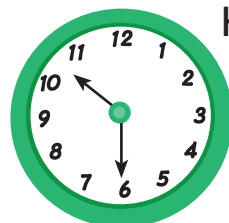
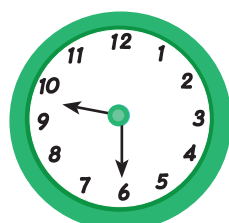
d) Tuesday

e) 27 day



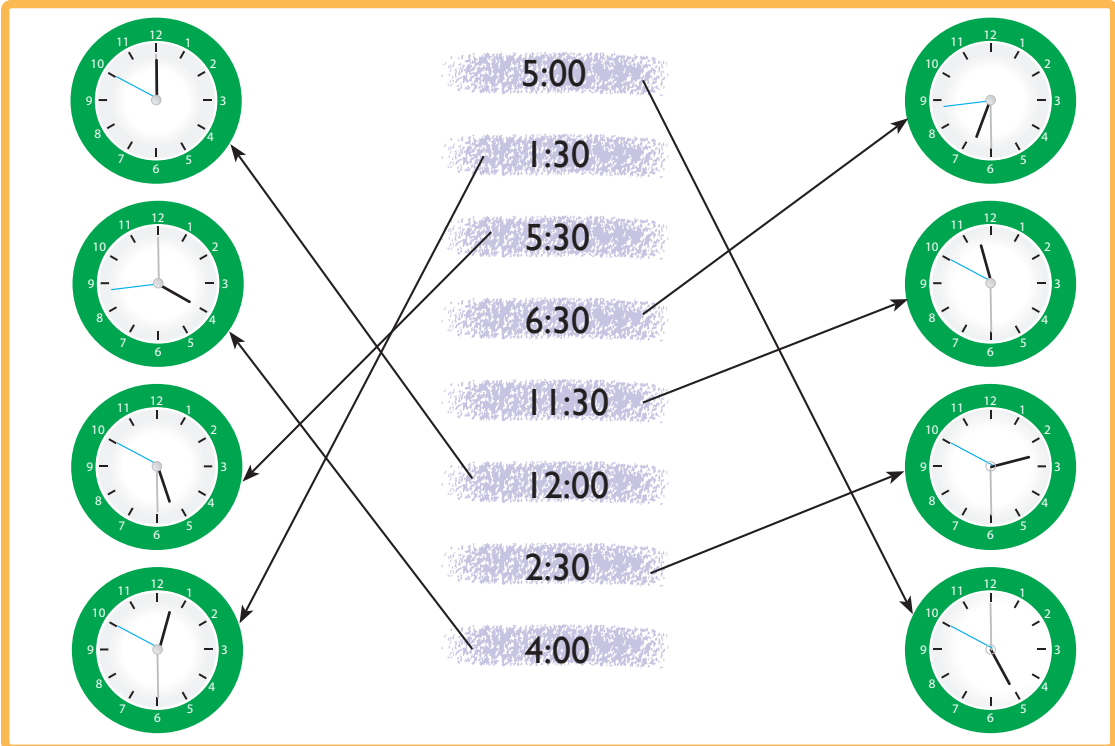
# Practice Time

1. (a) **Half past 3**  
3 : 30
- (b) **Half past 2**  
2 : 30
- (c) **Half past 5**  
5 : 30
- (d) **Half past 1**  
1 : 30
- (e) **Half past 12**  
12 : 30
- (f) **Half past 5**  
7 : 30

- 2.
-  Half past 6
-  Half past 4
-  Half past 7
-  Half past 10
-  Half past 9

# Scan Your Brain

1.



5:00

1:30

5:30

6:30

11:30

12:00

2:30

4:00



## Hots Questions

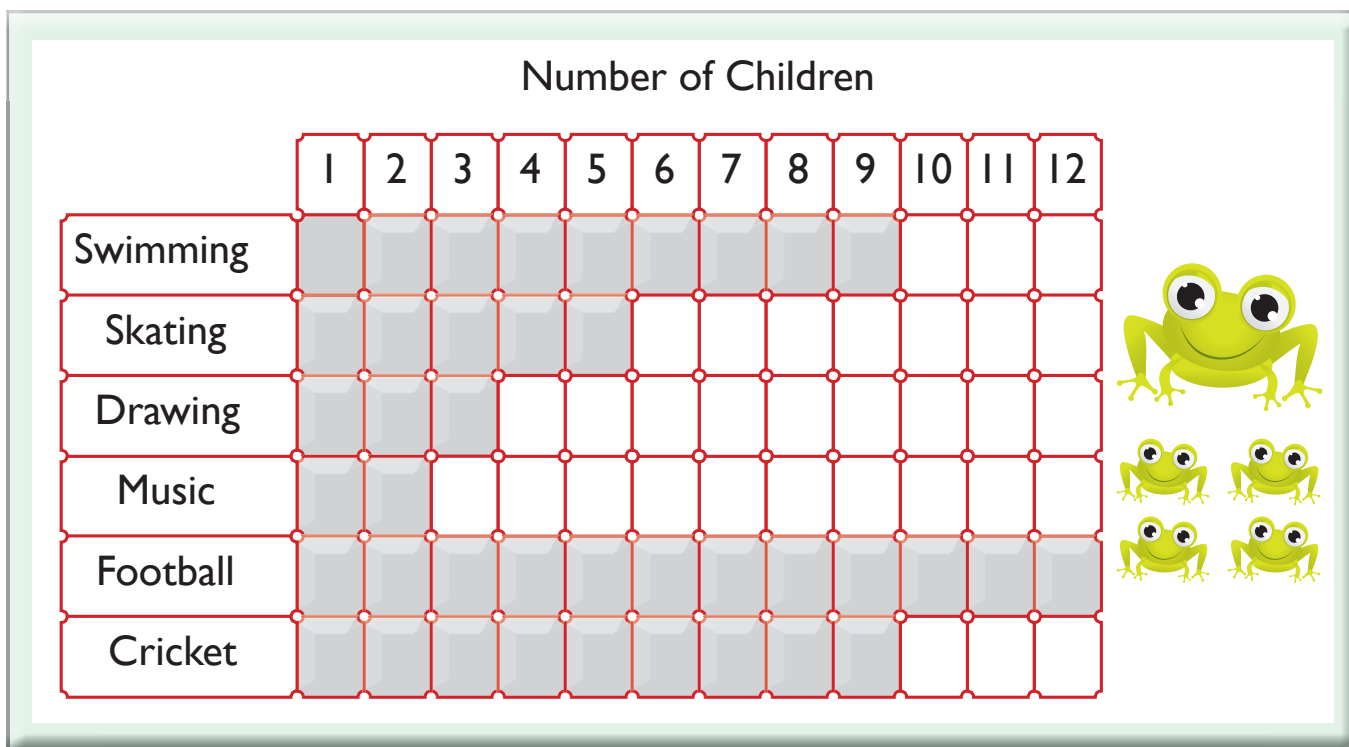
1. 5<sup>th</sup>, Saturday
2. 11<sup>th</sup>, Saturday
3. Odd – 16 Even – 15




# 13 Data Handling

## Answers

### Practice Time

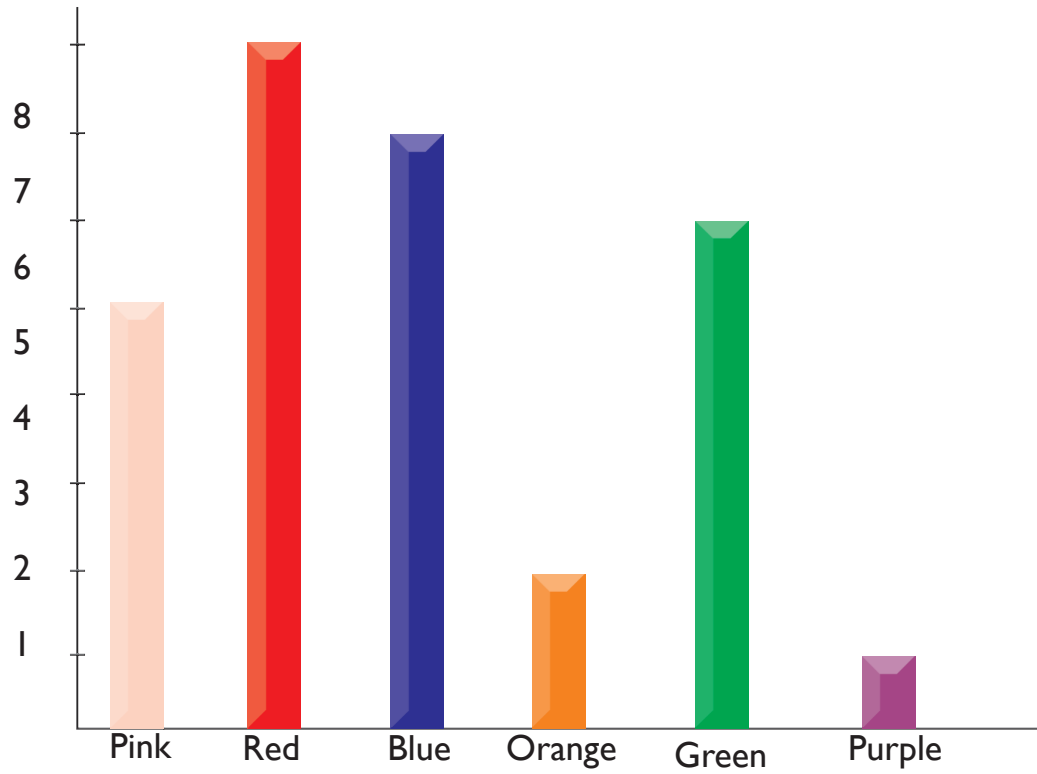
1. a) 3
- b) Cricket and Swimming
- c) Music is the least opted only by 2 Students.
- d) – 4
- e) 5



Transport used	No. of children
Pic of School boy	
Pic of Student walking	
Pic of Car	



Pic of public transport	😊
Auto rickshaw	😊😊😊
	<b>KEY</b> 😊 = 2 children








a) Red

b) Purple

c) 7

d) 3

4.

Orange Bar		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mango bar		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Milk Bar		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Almond		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chocolate chip		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



## Hots Questions

1.

Item	Children												Total
	1	2	3	4	5	6	7	8	9	10	11	12	
Ice cream	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y = 10 N = 2
Chocolate	N	Y	Y	Y	N	N	Y	Y	N	Y	Y	Y	Y = 8 N = 4
Cookies	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y = 11 N = 1
Fresh Juice	Y	Y	Y	N	N	Y	Y	N	N	Y	Y	N	Y = 7 N = 5

- a) Cookies                      b) 4  
c) 3                                d) 1