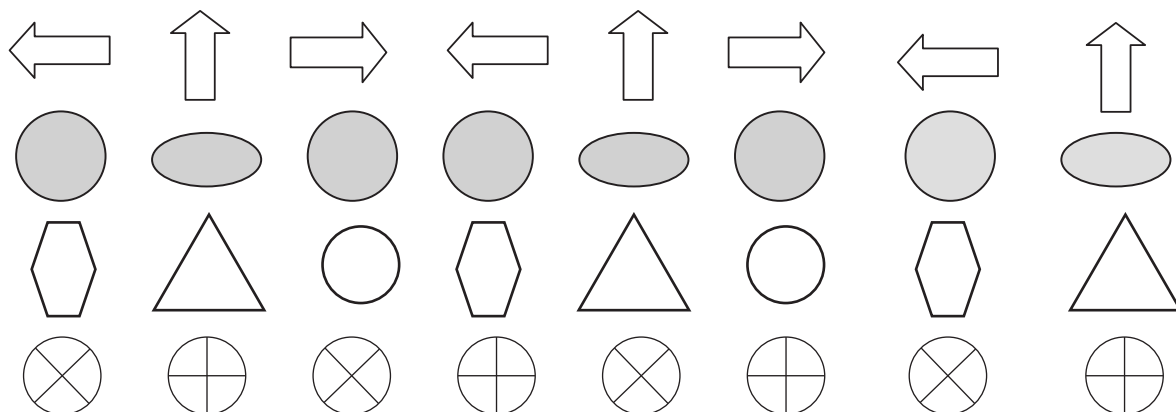
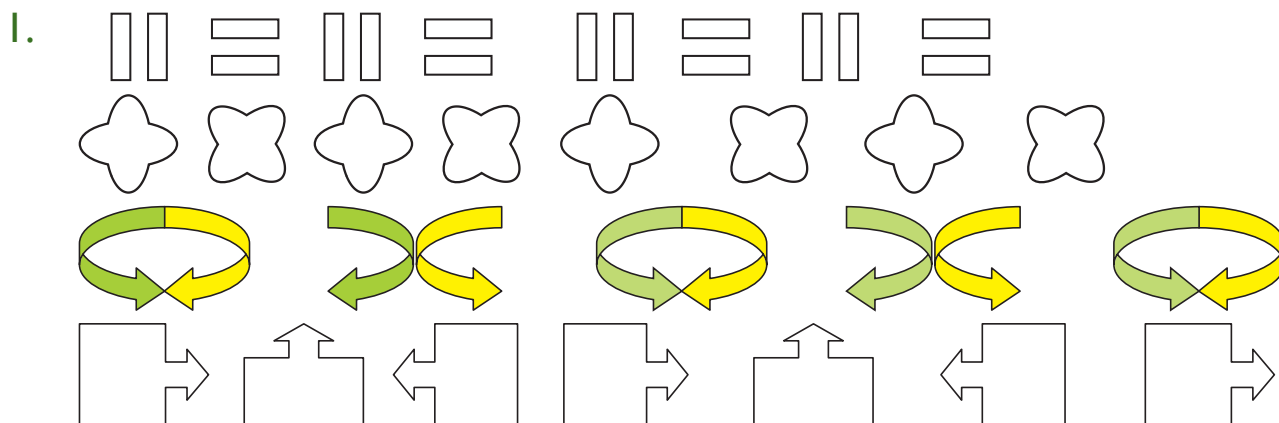




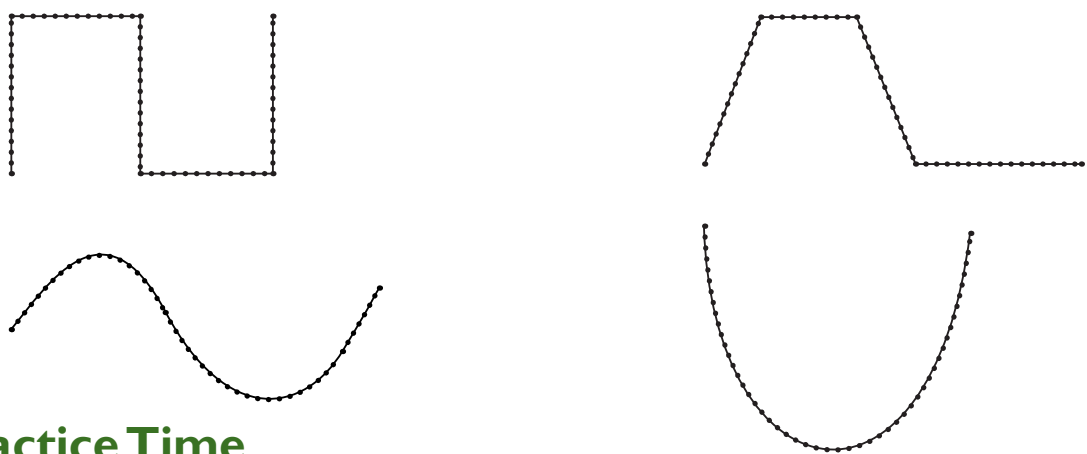
I Patterns

Answers

Practice Time



2.



Practice Time

1. a) 56, 63, 70, 77 b) 64, 128, 256, 512 c) 888, 9, 99, 999 c) 13, 15, 17





Scan Your Brain

1.

2.

<u>Dd</u>	<u>Ee</u>	<u>Ff</u>	<u>SSTT</u>	<u>TTUU</u>	<u>UUVV</u>
<u>23</u>	<u>25</u>	<u>27</u>	<u>32</u>	<u>36</u>	<u>40</u>
<u>130</u>	<u>104</u>	<u>140</u>	<u>910</u>	<u>915</u>	<u>920</u>
<u>1050</u>	<u>1056</u>	<u>1062</u>	<u>613</u>	<u>713</u>	<u>813</u>

Hots Questions

1. 8 , 12 , 10 , 15 , 12
30 , 35 , 40 , 40 , 45
985 , 860 , 980 , 865

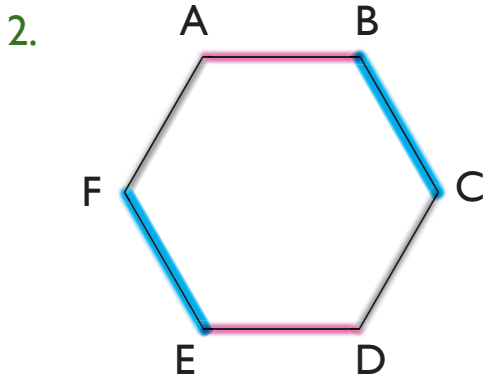
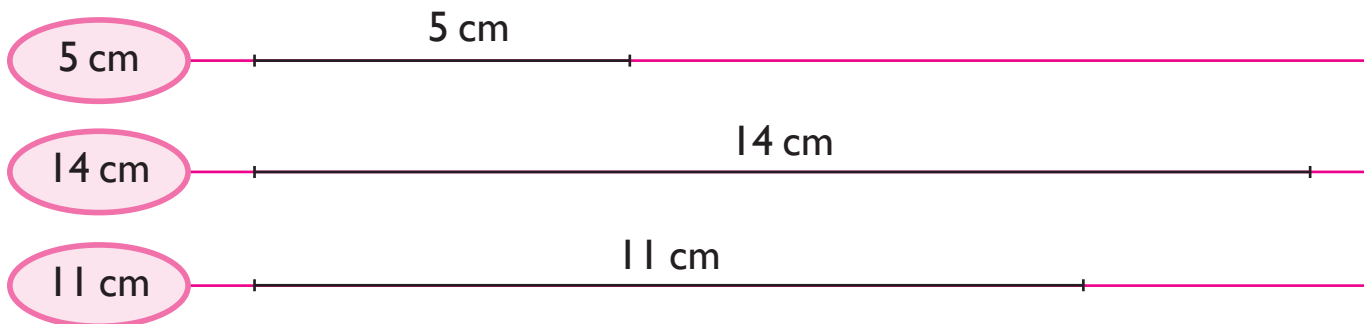
2 Lines and Shapes

Answers

Practice Time

1.





Practice Time

1.

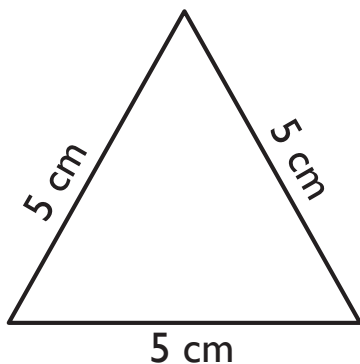
a) Cube	d) Sphere	g) Cylinder
b) Cylinder	e) Triangle	h) Sphere
c) Cuboid	f) Cylinder	i) Triangle
2.

a) Sphere	b) Cuboid	c) Sphere
d) Cylinder	e) Cube	f) Cone
3.

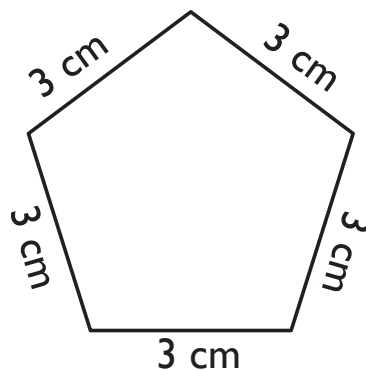
a) 6, 12, 8	b) sphere	c) cylinder
d) sphere	e) opposite	

Practice Time

1. Perimeter
 $= (5 + 5 + 5) = 15 \text{ cm}$

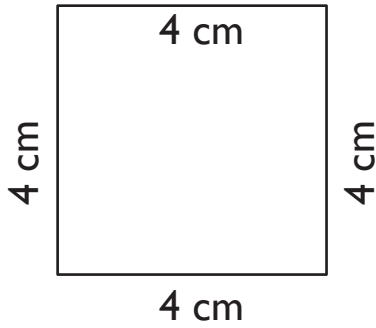


Perimeter
 $= (3 + 3 + 3 + 3 + 3) = 15 \text{ cm}$

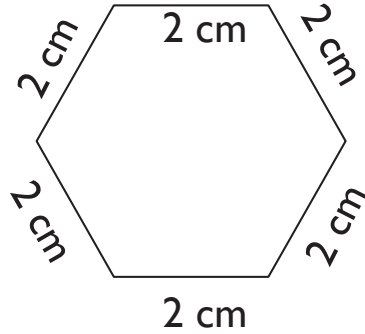




Perimeter
 $= (4 + 4 + 4 + 4) = 16 \text{ cm}$



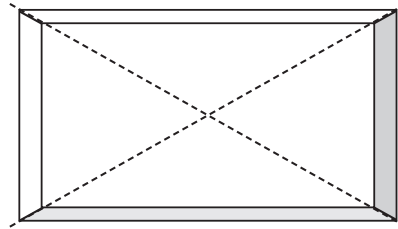
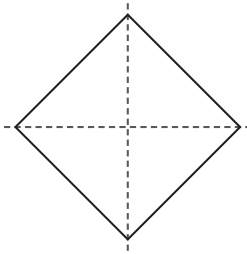
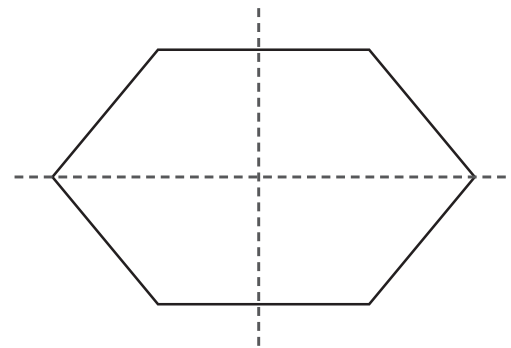
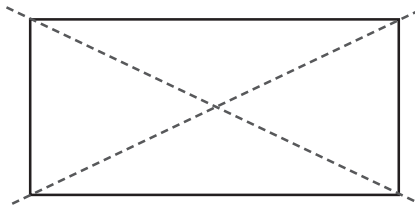
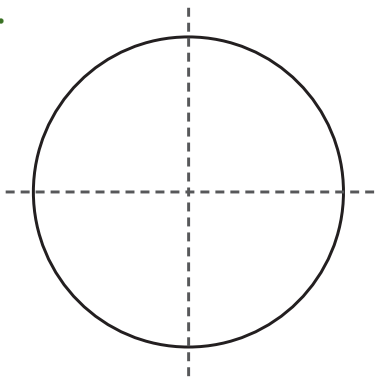
Perimeter
 $= (2 + 2 + 2 + 2 + 2 + 2) = 12 \text{ cm}$



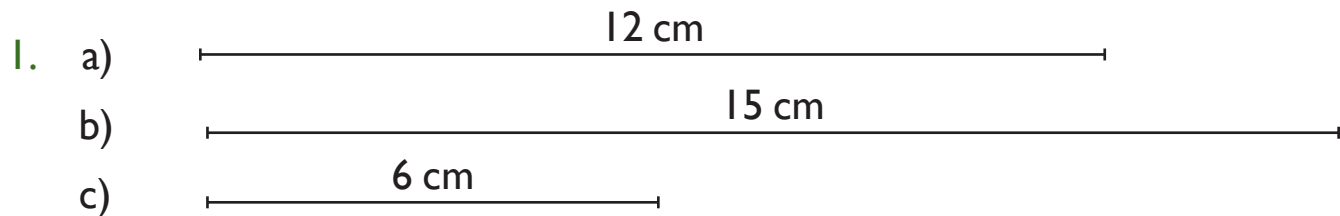
2. a) Perimeter $= (1 + 2 + 3) = 6 \text{ cm}$

b) Perimeter $= (4 + 2 + 4 + 2) = 12 \text{ cm}$

3.



Scan Your Brain



2. a) $(3 + 5 + 7) = 15 \text{ cm}$

b) $(8 + 2 + 8 + 2) = 20 \text{ cm}$

c) $(9 + 9 + 4 + 4) = 26 \text{ cm}$

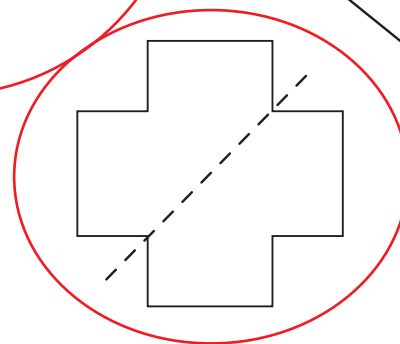
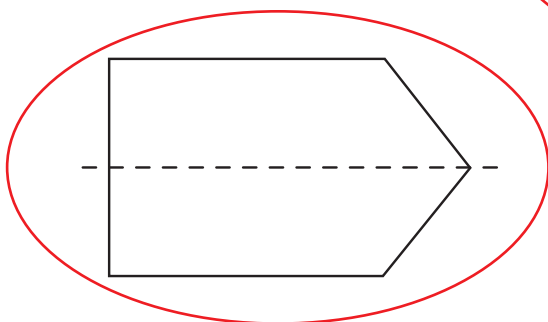
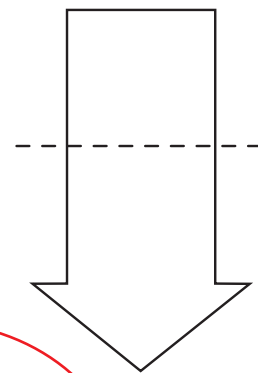
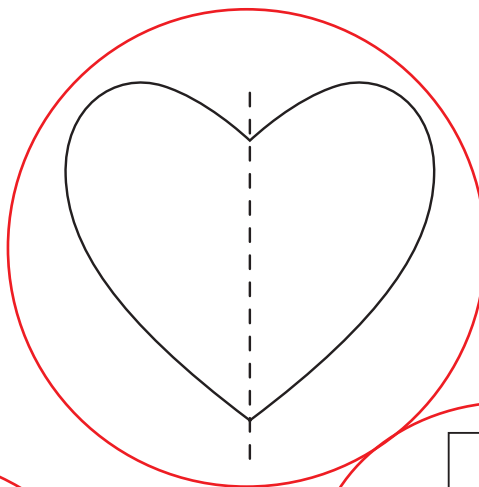
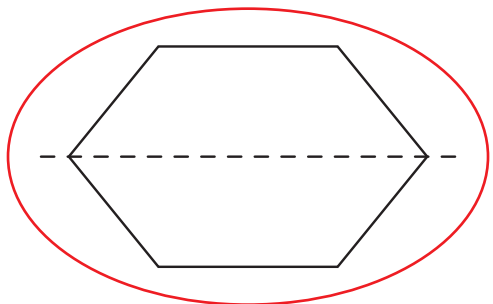
d) $(6 + 6 + 6 + 6) = 24 \text{ cm}$

e) $(4 + 4 + 4) = 12 \text{ cm}$





3.



4. a) Rectangle

b) Rectangle

c) Circle

d) Rectangle

e) Triangle

f) Square/Rectangle/Circle/Triangle

g) Circle

h) Square

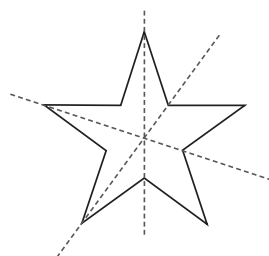
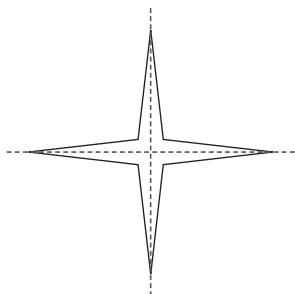
i) Circle

j) Circle

Hots Questions

1. $AB \parallel EF$, $AC \parallel BM$, $CD \parallel LK$, $KJ \parallel GH$, $FG \parallel JI$, $DE \parallel ML$

2.





3 Numbers upto 10,000

Answers

Practice Time

1.

1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011
1753	1754	1755	1756	1757	1758	1759	1760	1761	1762	1763
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355
3351	3352	3353	3354	3355	3356	3357	3358	3359	3360	3361
3990	3991	3992	3993	3994	3995	3996	3997	3998	3999	4000
4671	4672	4673	4674	4675	4676	4677	4678	4679	4680	4681
5129	5130	5131	5132	5133	5134	5135	5136	5137	5138	5139
6161	6162	6163	6164	6165	6166	6167	6168	6169	6170	6171
7070	7071	7072	7073	7074	7075	7076	7077	7078	7079	7080
8888	8889	8890	8891	8892	8893	8894	8895	8896	8897	8898
9991	9992	9993	9994	9995	9996	9997	9998	9999	10000	10001

2.

2275	2276	2277	2278	2279	2280
3763	3764	3765	3766	3767	3768
4245	4246	4247	4248	4249	4250
6526	6527	6528	6529	6530	6531





7619	7620	7621	7622	7623	7624
9052	9053	9054	9055	9056	9057
8595	8596	8597	8598	8599	8600
3996	3997	3998	3999	4000	4001
9994	9995	9996	9997	9998	9999
5550	5551	5552	5553	5554	5555

3.

9042

8008

5010

8506

1090

1002

9099

2005

3291

4.

Three thousand nine hundred and seventy-two

Two thousand eight hundred and seventy-three

Four thousand and four

Five thousand nine hundred and ten

Seven thousand two hundred and two

Nine thousand nine hundred and ninety-nine

Three thousand nine hundred and one

One thousand

Eight thousand and eighty

Nine thousand and one

5.

Seven thousand
one hundred and
thirty-five

Two thousand
one hundred and
sixty-two

7

1

3


5

2

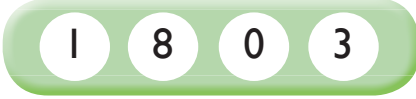
1

6

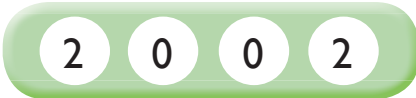
2



One thousand
eight hundred
and three



Two thousand
and two



Seven thousand
three hundred
and eighty-one



Five thousand
nine hundred
and twenty-one



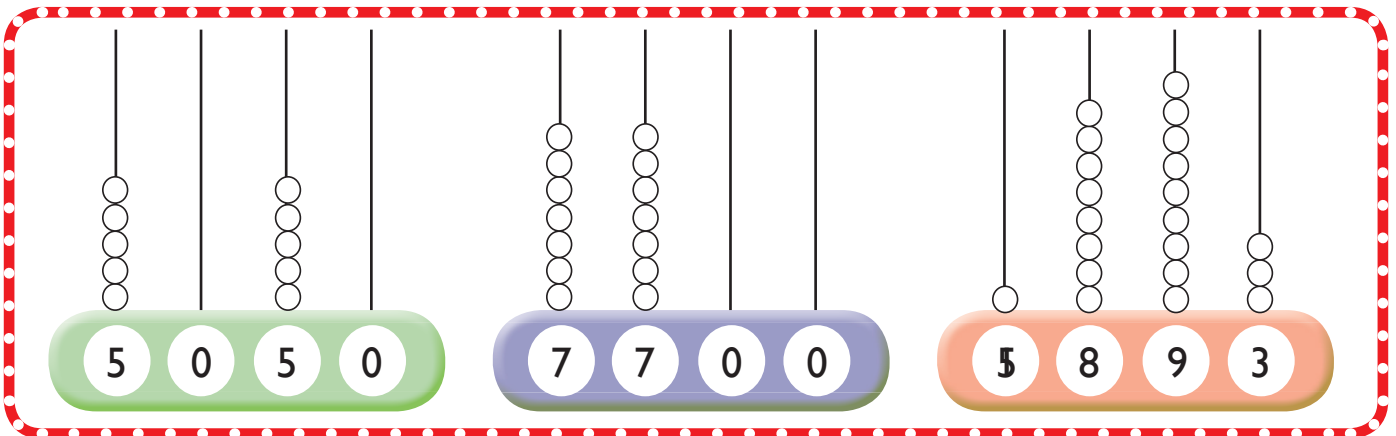
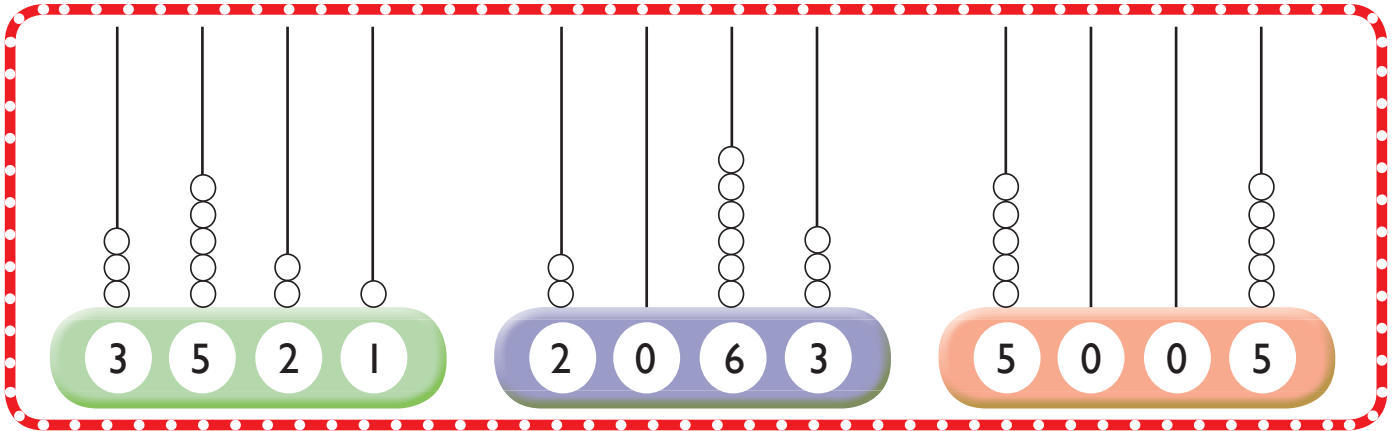
One thousand
and eleven

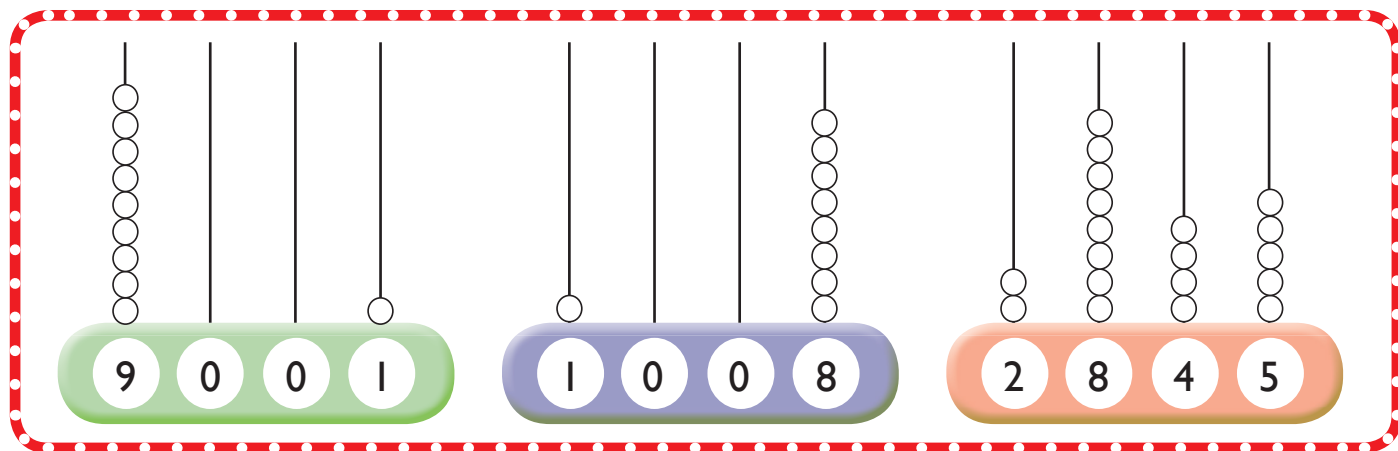


Four thousand



6.





7.

		Place value	Face value
a)	3682	600	6
b)	9763	60	6
c)	1692	600	6
d)	2896	6	6
e)	6063	6000,60	6
f)	7536	6	6
g)	4060	60	6
h)	6062	6000,60	6

Practice Time

1. $8765 = \underline{8}$ thousands + $\underline{7}$ hundreds + $\underline{6}$ tens + $\underline{5}$ ones = $\underline{8000}$ + $\underline{700}$ + $\underline{60}$ + $\underline{5}$

$2301 = \underline{2}$ thousands + $\underline{3}$ hundreds + $\underline{0}$ tens + $\underline{1}$ ones = $\underline{2000}$ + $\underline{300}$ + $\underline{0}$ + $\underline{1}$

$4060 = \underline{4}$ thousands + $\underline{0}$ hundreds + $\underline{6}$ tens + $\underline{0}$ ones = $\underline{4000}$ + $\underline{0}$ + $\underline{60}$ + $\underline{0}$



$$9185 = \frac{9}{5} \text{ thousands} + \frac{1}{100} \text{ hundreds} + \frac{8}{10} \text{ tens} + \frac{5}{1} \text{ ones} = \underline{9000} + \underline{100} + \underline{80} + \underline{5}$$

$$3864 = \frac{3}{1000} \text{ thousands} + \frac{8}{100} \text{ hundreds} + \frac{6}{10} \text{ tens} + \frac{4}{1} \text{ ones} = \underline{3000} + \underline{800} + \underline{60} + \underline{4}$$

2. a) $3278 > 2976$ b) $8756 > 8734$ c) $4044 < 4444$
 d) $2397 < 4867$ e) $9764 > 1076$ f) $7645 > 7045$
 g) $5050 < 5058$ h) $7830 > 7038$ i) $8032 < 9201$

3.

Greatest Number	Smallest Number
5321	1235
3210	1023
9831	1389
7410	1047
8432	2348
9210	1029
8732	2378
6541	1456
6320	2036
8754	4578

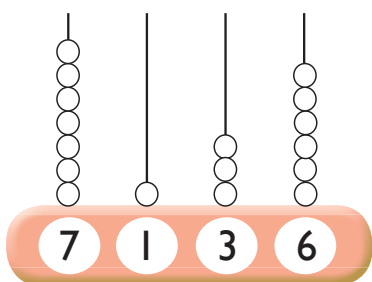
4. a) 2389, 5413, 6572, 8734 b) 4532, 5066, 5565, 6385
 c) 1098, 3765, 8937, 9837 d) 1567, 1655, 1675, 1755
 e) 8973, 9738, 9837, 9873 f) 6080, 6800, 8060, 8600
 g) 2255, 2552, 5225, 5252 h) 2525, 5522, 6008, 8006
5. a) 2813, 2769, 1834, 1572 b) 9612, 5295, 1085, 1038
 c) 9108, 7389, 6389, 4375 d) 2755, 2677, 1865, 1657
 e) 6813, 6382, 6379, 6168 f) 9600, 9060, 6900, 6090
 g) 7272, 7227, 7172, 1772 h) 8603, 6308, 3860, 3086



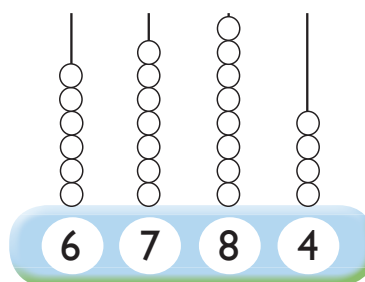


Scan Your Brain

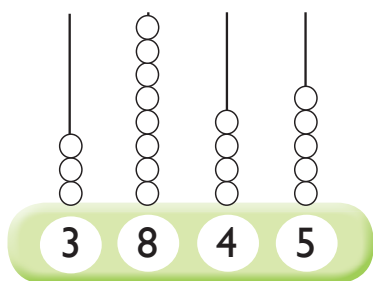
1.



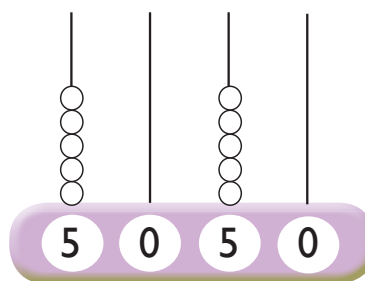
$$7136 = \underline{7} \text{ thousands} + \underline{1} \text{ hundreds} + \underline{3} \text{ tens} + \underline{6} \text{ ones}$$



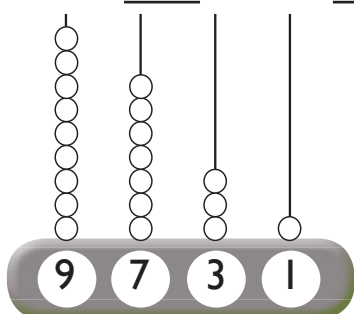
$$6784 = \underline{6} \text{ thousands} + \underline{7} \text{ hundreds} + \underline{8} \text{ tens} + \underline{4} \text{ ones}$$



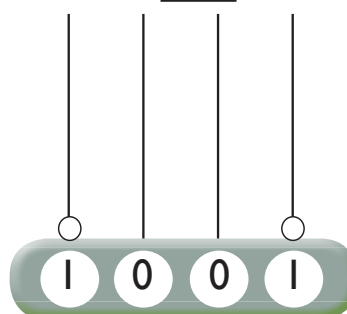
$$3845 = \underline{3} \text{ thousands} + \underline{8} \text{ hundreds} + \underline{4} \text{ tens} + \underline{5} \text{ ones}$$



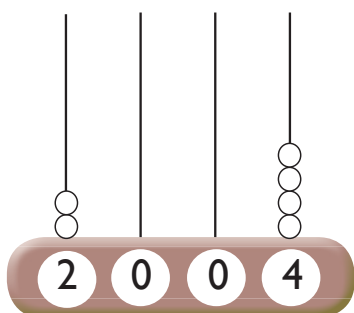
$$5050 = \underline{5} \text{ thousands} + \underline{0} \text{ hundreds} + \underline{5} \text{ tens} + \underline{0} \text{ ones}$$



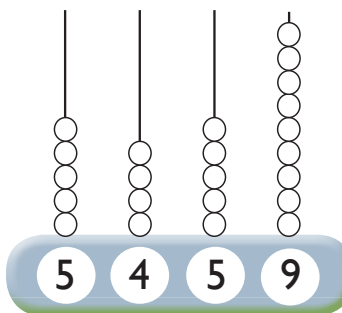
$$9731 = \underline{9} \text{ thousands} + \underline{7} \text{ hundreds} + \underline{3} \text{ tens} + \underline{1} \text{ ones}$$



$$1001 = \underline{1} \text{ thousands} + \underline{0} \text{ hundreds} + \underline{0} \text{ tens} + \underline{1} \text{ ones}$$



$$2004 = \underline{2} \text{ thousands} + \underline{0} \text{ hundreds} + \underline{0} \text{ tens} + \underline{4} \text{ ones}$$



$$5459 = \underline{5} \text{ thousands} + \underline{4} \text{ hundreds} + \underline{5} \text{ tens} + \underline{9} \text{ ones}$$



2.

3874	Three thousand eight hundred seventy four
4263	Four thousand two hundred sixty three
9217	Nine thousand two hundred seventeen
8301	Eight thousand three hundred one
4738	Four thousand seven hundred thirty eight
1064	One thousand sixty four
835	Eight hundred thirty five
412	Four hundred twelve
947	Nine hundred forty seven
1749	One thousand seven hundred forty nine

3.

SMALLEST	LARGEST
4916	9975
6078	8876
1089	1980
3274	3742
2244	4422

Hots Questions

1. a) 999
b) 10000

2.

	SMALLEST	LARGEST
a)	1347	7431
b)	1009	9100





4 Introduction to Roman Numbers

Answers

Practice Time

I.

4	IV	17	XVII
6	VI	20	XX
5	V	8	VIII
9	IX	3	III
5	V	8	VIII
1	I	2	II
13	XIII	7	VII

2.

Roman Numerals	Indo-Arabic Numerals
IX	9
XIII	13
X	10
VII	7
XIX	19

Roman Numerals	Indo-Arabic Numerals
XVII	17
XX	20
XII	12
XI	11
II	2



Scan Your Brain

I.

Roman Numerals	Indo-Arabic Numerals	Roman Numerals	Indo-Arabic Numerals
XX	20	IX	9
II	2	XIX	19
I	1	XVI	16
XVII	17	XIV	14
V	5	XII	12
XIII	13	XVIII	18
IV	4	XI	11
VIII	8	III	3
VII	7	XV	15
VI	6	X	10

Hots Questions

a) 06:00

b) 09:00

5 Addition With and Without Grouping

Answers

Practice Time

1. a) 599 b) 798 c) 789 d) 682 e) 1033 f) 945 g) 415

h) 1037 i) 264 j) 694 k) 774 l) 795 m) 999 n) 902

o) 987

2. a) 342 b) 345 c) 485 d) 460 e) 296 f) 968 g) 312

h) 1003 i) 636 j) 814 k) 1035 l) 615



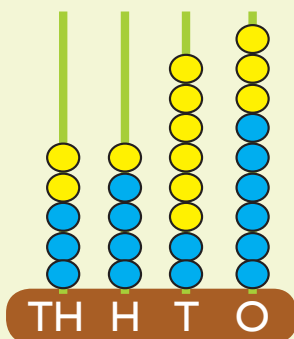


Practice Time

I.

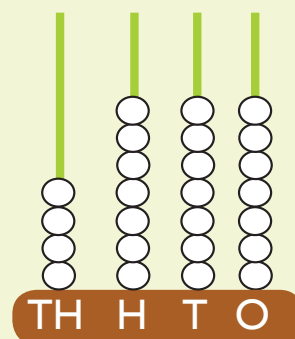
$2163 + 3426$

TH	H	T	O
2	1	6	3
3	4	2	6
5	5	8	9



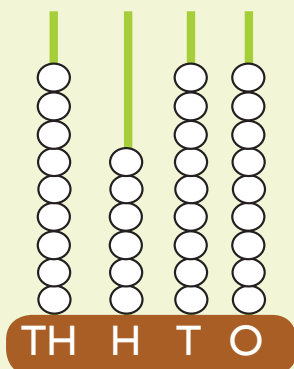
$1043 + 3734$

TH	H	T	O
1	0	4	3
3	7	3	4
4	7	7	7



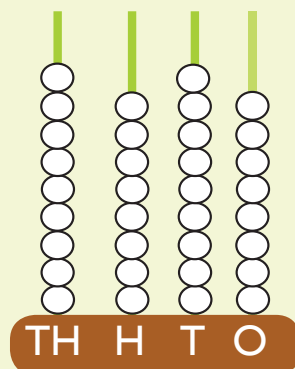
$2430 + 7269$

TH	H	T	O
2	4	3	0
7	2	6	9
9	6	9	9



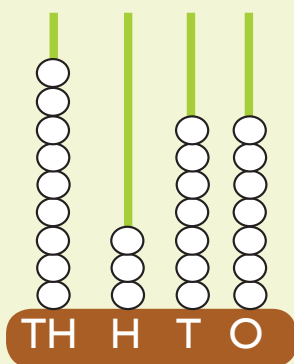
$1875 + 8023$

TH	H	T	O
1	8	7	5
8	0	2	3
9	8	9	8



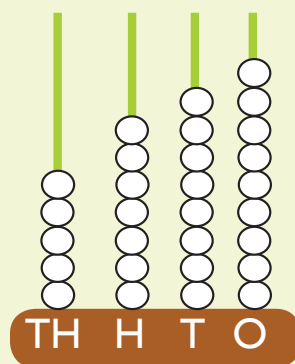
$8374 + 1003$

TH	H	T	O
8	3	7	4
1	0	0	3
9	3	7	7



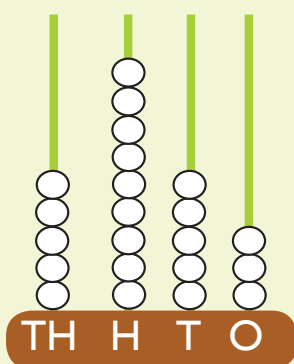
$3009 + 2780$

TH	H	T	O
3	0	0	9
2	7	8	0
5	7	8	9



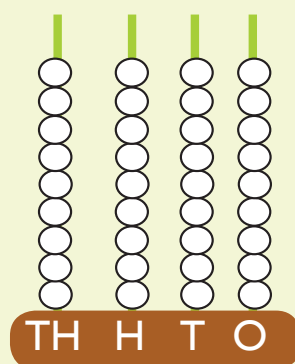
$4821 + 1132$

TH	H	T	O
4	8	2	1
1	1	3	2
5	9	5	3



$5055 + 4944$

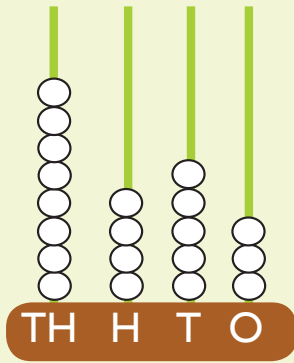
TH	H	T	O
5	0	5	5
4	9	4	4
9	9	9	9





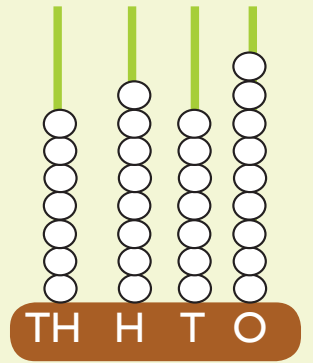
$6231 + 2222$

TH	H	T	O
6	2	3	1
2	2	2	2
8	4	5	3



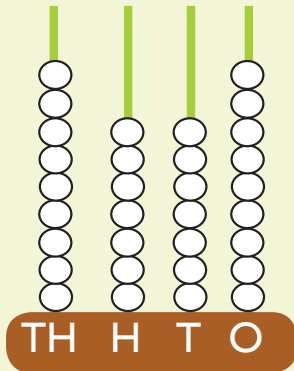
$6732 + 1147$

TH	H	T	O
6	7	3	2
1	1	4	7
7	8	7	9



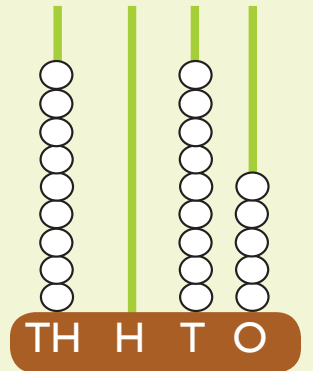
$8435 + 1344$

TH	H	T	O
8	4	3	5
1	3	4	4
9	7	7	9



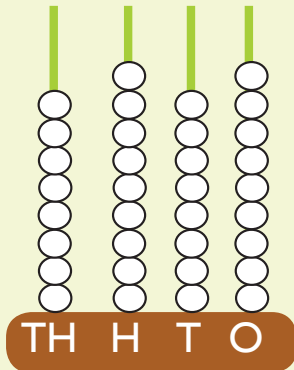
$4092 + 5003$

TH	H	T	O
4	0	9	2
5	0	0	3
9	0	9	5



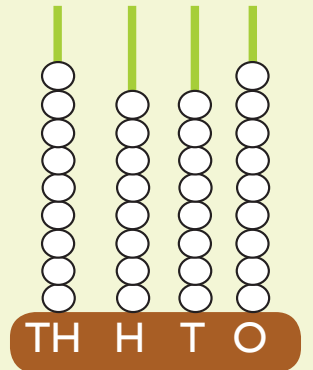
$1010 + 7979$

TH	H	T	O
1	0	1	0
7	9	7	9
8	9	8	9



$8006 + 1883$

TH	H	T	O
8	0	0	6
1	8	8	3
9	8	8	9



2. a) 9690 b) 6991 c) 5932 d) 8921 e) 5844 f) 9975 g) 9044
 h) 7261 i) 6411 j) 9000 k) 6186 l) 9354 m) 3732 n) 11921
 o) 8911

Practice Time



a) 2,459

b) 4,597

c) 123



d) 2,153

e) 5,248

f) 6,435

g) 9,654

h) 9,213

2. a) $[271 + 125] + 98$

$396 + 98$

$= 494$

$271 + [125 + 98]$

$= 271 + 223 = 494.$

[Sum remains same]

b) $[4,215 + 227] + 143$

$= 4442 + 143$

$= 4585.$

$4,215 + [227 + 143]$

$4,215 + 370 = 4585$

[Sum remains same]

Practice Time

1.

①	①			
3	8	2	5	
+	2	8	4	6
<hr/>				
6	6	7	1	
				Shirts

①	①	①				
9	9	6	7			
+	5	0	9	5		
<hr/>						
₹	1	5	0	6	2	
						Fridge

①					
4	5	3	6		
+	5	6	3	2	
<hr/>					
1	0	1	6	8	
					People

①				
2	1	6	5	
+	3	1	7	1
<hr/>				
5	3	3	6	
				Boxes

①	①	①		
5	7	6	4	
+	3	5	4	9
<hr/>				
9	3	1	3	
				Children

①	①	①		
3	7	8	9	
+	4	5	6	1
<hr/>				
8	3	5	0	
				Cars

Scan Your Brain

TH	H	T	O
3	①	①	5
	4	6	5
		4	5
3	5	1	0

3465 + 45

TH	H	T	O
	①	8	5
4	5	6	8
4	6	5	3

85 + 4568

1.



TH	H	T	O
	1	7	9
2	3	6	8
2	4	4	7

79 + 2368

TH	H	T	O
9	0	4	5
	2	1	5
9	2	6	0

9045 + 215

TH	H	T	O
	1	7	6
3	7	6	5
3	9	4	1

176 + 3765

TH	H	T	O
	3	4	9
6	5	2	3
6	8	7	2

349 + 6523

Hots Questions

- a) 5067 P.V. - 0
 F.V. - 0
- b) 1020 P.V. - 0
 F.V. - 0
- c) 0356 P.V. - 0
 F.V. - 0

6 Subtraction With and Without Regrouping

Answers

Practice Time



- a) 3414 b) 2713 c) 4514 d) 7711 e) 5344 f) 3300 g) 4252



h) 5131 i) 3141 j) 8333 k) 7000 l) 3212 m) 3640 n) 2101

o) 1421 p) 2000 q) 2222 r) 1003

2. a) 7000 b) 5000 c) 4000 d) 1000 e) 1000 f) 1000

3. a) 0486 b) 2878 c) 0783 d) 4625 e) 3373 f) 2872 g) 2487

h) 474 i) 3731 j) 5368 k) 4409 l) 908

Scan Your Brain

1. a)

$$\begin{array}{r} ^7 ^{13} \\ 4\cancel{8}\cancel{3}2 \\ - 3762 \\ \hline 1070 \end{array}$$

b)

$$\begin{array}{r} ^8 ^{10} ^9 ^{17} \\ \cancel{9}\cancel{1}\cancel{0}\cancel{7} \\ \hline 5219 \\ \hline 3888 \end{array}$$

c)

$$\begin{array}{r} ^6 ^9 ^{10} \\ \cancel{7}\cancel{0}\cancel{0}0 \\ - 4360 \\ \hline 2640 \end{array}$$

d)

$$\begin{array}{r} ^4 ^9 ^{10} \\ 3\cancel{5}\cancel{0}\cancel{0} \\ - 2389 \\ \hline 1111 \end{array}$$

e)

$$\begin{array}{r} ^8 ^{10} ^{10} \\ \cancel{9}\cancel{1}\cancel{0}8 \\ - 7215 \\ \hline 1893 \end{array}$$

2. a) 2374

b) 9999

c) 2367

Practice Time

1. a) 243

b) 2,691

c) 0

d) 0

e) 1

f) 0

g) 0

h) 6,840

i) 425



Practice Time

$$\begin{array}{r} 3765 \\ - 1352 \\ \hline 2413 \end{array}$$

apple
trees

$$\begin{array}{r} 612 \\ 5672 \\ - 3243 \\ \hline 2429 \end{array}$$

girls

$$\begin{array}{r} 81410 \\ \cancel{9500} \\ - 7860 \\ \hline ₹1640 \end{array}$$

savings

$$\begin{array}{r} 71212 \\ \cancel{7832} \\ - 2367 \\ \hline ₹5465 \end{array}$$

$$\begin{array}{r} 21117 \\ \cancel{3275} \\ - 1583 \\ \hline ₹1692 \end{array}$$

Hots Questions

$$\begin{array}{r} 1. \quad 413512 \\ \cancel{5362} \\ - 3425 \\ \hline 1937 \end{array}$$

$$2. \quad 3271 + x = 3272$$

$$\begin{array}{r} 212612 \\ \cancel{3272} \\ - 2356 \\ \hline 0916 \end{array}$$

x =





7 Multiplication

Answers

Practice Time

1. a) 62 b) 48 c) 99 d) 46 e) 84 f) 36 g) 96
h) 208 i) 939 j) 888 k) 464 l) 888 m) 866 n) 966
o) 369 p) 464
2. a) 152 b) 416 c) 81 d) 90 e) 102 f) 798 g) 474
h) 184 i) 125 j) 1722 k) 2401 l) 1799 m) 1000 n) 990
o) 3410 p) 1772 q) 804

3.

$$\begin{array}{r} 36 \times 3 \\ \textcircled{1} \\ 36 \\ \times 3 \\ \hline 108 \end{array}$$

$$\begin{array}{r} 28 \times 5 \\ \textcircled{4} \\ 28 \\ \times 5 \\ \hline 140 \end{array}$$

$$\begin{array}{r} 45 \times 6 \\ \textcircled{3} \\ 45 \\ \times 6 \\ \hline 270 \end{array}$$

$$\begin{array}{r} 54 \times 4 \\ \textcircled{1} \\ 54 \\ \times 4 \\ \hline 216 \end{array}$$

$$\begin{array}{r} 64 \times 8 \\ \textcircled{3} \\ 64 \\ \times 8 \\ \hline 512 \end{array}$$

$$\begin{array}{r} 67 \times 6 \\ \textcircled{4} \\ 67 \\ \times 6 \\ \hline 402 \end{array}$$

128×9

$$\begin{array}{r} \textcircled{2} \textcircled{7} \\ 128 \\ \times 9 \\ \hline 1152 \end{array}$$

247×5

$$\begin{array}{r} \textcircled{2} \textcircled{3} \\ 247 \\ \times 5 \\ \hline 1235 \end{array}$$

124×8

$$\begin{array}{r} \textcircled{1} \textcircled{3} \\ 124 \\ \times 8 \\ \hline 992 \end{array}$$

357×4

$$\begin{array}{r} \textcircled{2} \textcircled{2} \\ 357 \\ \times 4 \\ \hline 1428 \end{array}$$

186×9

$$\begin{array}{r} \textcircled{7} \textcircled{5} \\ 186 \\ \times 9 \\ \hline 1674 \end{array}$$

496×2

$$\begin{array}{r} \textcircled{1} \textcircled{1} \\ 496 \\ \times 2 \\ \hline 992 \end{array}$$

Practice Time

1. 2600

1100

3900

3950

400

22400

13500

7200

0

1000

4200

0

2. a) 1

b) 0

c) 0

d) 379

e) 689

f) 40, 29

Practice Time

			T	O
			$\textcircled{4}$	
			2	6
		\times	1	8
		2	0	8
+		2	6	0
		4	6	8

			T	O
			$\textcircled{5} \textcircled{1}$	
			3	7
		\times	2	8
		$\textcircled{1}$	2	9
		2	9	6
+		7	4	0
	1	0	3	6

			T	O
			$\textcircled{3} \textcircled{2}$	
			5	9
		\times	3	4
		$\textcircled{1}$	2	3
		2	3	6
+	$\textcircled{1}$	7	7	0
	2	0	0	6



			T	O
			4 3	9
		×	4	5
		⊕	2	5
+	⊕	9	6	0
	2	2	0	5

			T	O
			3 1	8
		×	2	4
		⊕	2	2
+	1	3	6	0
	1	6	3	2

			T	O
			1 3	6
		×	5	2
			7	2
+	4	3	0	0
	4	4	7	2

		H	T	O
		2	3 2	7
	×		3	5
		0	8	5
+	6	5	1	0
	7	5	9	5

		H	T	O
		1	3 1 2 1	6
	×		2	4
	⊕	7	4	4
+	3	7	2	0
	4	4	6	4

		H	T	O
		⊕	2	1
	×		4	6
	⊕	1	9	2
+	2	8	4	0
	4	7	6	6

		H	T	O
		4 1	⊕	2
	×		2	8
	⊕	3	6	6
+	9	2	4	0
	2	9	3	6

		H	T	O
		5 5	3 2	4
	×		7	8
	⊕	2	1	2
+	⊕	9	1	0
2	1	3	7	2

		H	T	O
		⊕	⊕	8
	×		2	2
	⊕	⊕	7	6
+	7	7	6	0
	9	5	3	6

2. a) 6963 b) 3996 c) 4888 d) 9633
 e) 9999 f) 4884 g) 4848 h) 4448

Practice Time

1. $35 \times 8 = ₹ 280.$
 2. Distance = Speed \times Time
 $= 15 \times 24 = 360 \text{ km.}$



3. $30 \times 25 = 750$ soldiers.
4. $145 \times 65 = 9425$ chocolates.
5. $45 \times 31 = 1395$ pages.
6. $160 \times 96 = 15,360$ apples.
7. $825 \times 12 = 9900$ gm.
8. $24 \times 31 = 744$ hours.

Scan Your Brain

1. a) 23×36

$$\begin{array}{r} \textcircled{1} \\ 23 \\ \times 36 \\ \hline \textcircled{1} 138 \\ 690 \\ \hline 828 \end{array}$$

b) 879×24

$$\begin{array}{r} \textcircled{3} \textcircled{1} \textcircled{3} \textcircled{1} \\ 879 \\ \times 24 \\ \hline \textcircled{1} 3516 \\ \textcircled{1} 17580 \\ \hline 21096 \end{array}$$

c) 1039×7

$$\begin{array}{r} \textcircled{2} \textcircled{6} \\ 1039 \\ \times 7 \\ \hline 7273 \end{array}$$

d) 3724×5

$$\begin{array}{r} \textcircled{1} \textcircled{3} \textcircled{2} \\ 3724 \\ \times 5 \\ \hline 18620 \end{array}$$

e) 638×32

$$\begin{array}{r} \textcircled{2} \\ \textcircled{1} \textcircled{1} \\ 638 \\ \times 32 \\ \hline \textcircled{1} 1276 \\ \textcircled{1} 19140 \\ \hline 20416 \end{array}$$

2.

$$\begin{array}{r} \textcircled{3} \\ 24 \\ \times 8 \\ \hline 192 \end{array} \text{ Pencils}$$

$$\begin{array}{r} 38 \\ \times 1 \\ \hline 38 \end{array} \text{ Chocolates}$$





$$\begin{array}{r}
 \textcircled{1} \\
 52 \\
 \times 18 \\
 \hline
 416 \\
 520 \\
 \hline
 936 \text{ books}
 \end{array}$$

Hots Questions

1. a) Factors: 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 25, 30, 60, 100, 150, 300
 Multiples: 300, 600, 900, 1200, 1500
- b) Factors: 1, 2, 4, 5, 8, 10, 20, 25, 50, 100, 200
 Multiples: 200, 400, 600, 800, 1000
- c) Factors: 1, 2, 5, 7, 10, 14, 35, 70
 Multiples: 70, 140, 210, 280, 350
- d) Factors: 1, 5, 7, 35
 Multiples: 35, 70, 105, 140, 175
- e) Factors: 1, 2, 4, 5, 10, 20
 Multiples: 20, 40, 60, 80, 100

2.

$$\begin{array}{r}
 \textcircled{1} \\
 42 \\
 \times 7 \\
 \hline
 294 \text{ trees}
 \end{array}$$

3.

$$\begin{array}{r}
 \textcircled{1} \\
 \textcircled{2} \\
 64 \\
 \times 36 \\
 \hline
 \textcircled{1} 384 \\
 \textcircled{1} 1920 \\
 \hline
 2304 \text{ eggs}
 \end{array}
 \longrightarrow
 \begin{array}{r}
 \textcircled{2} \textcircled{9} \textcircled{14} \\
 2304 \\
 - 78 \\
 \hline
 2226 \text{ eggs remaining}
 \end{array}$$

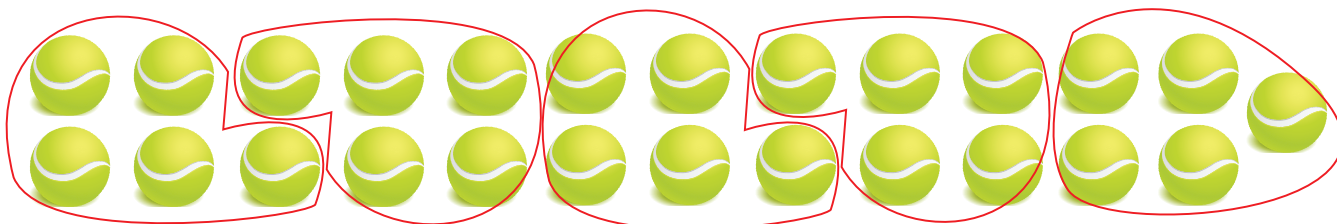


8 Division

Answers

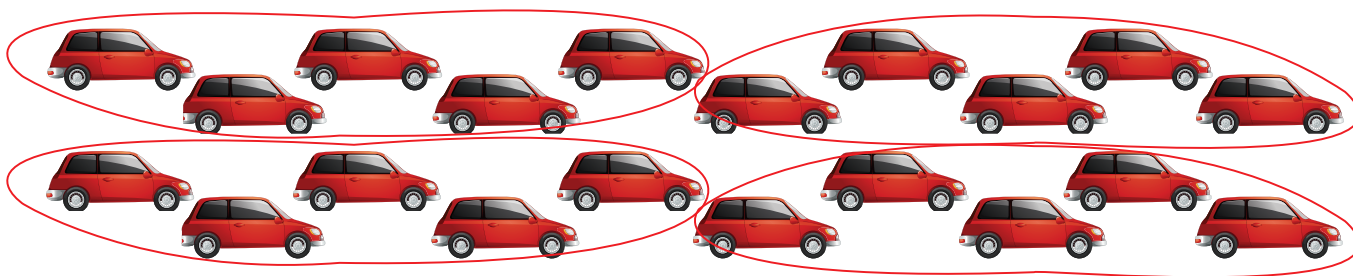
Practice Time

1. a) 5



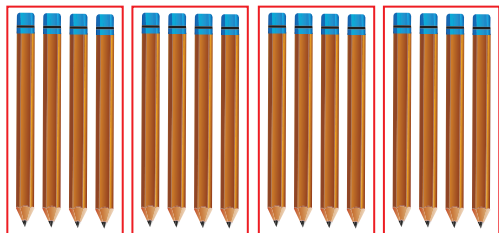
b) (i) 5

(ii) 4



c) (i) 4 groups

(ii) Yes, 16 pencils be shared by 8 students, each will get 2 pencils.



d) 5 buttons will be there in each shirt.

Practice Time

1.	Statement		Divisor	Dividend	Quotient
	$72 \div 6 = 12$	$6 \overline{) 72} 12$	6	72	12
	$38 \div 2 = 19$	$2 \overline{) 38} 19$	2	38	19
	$54 \div 9 = 6$	$9 \overline{) 54} 6$	9	54	6





$66 \div 11 = 6$	$11 \overline{) 66} \quad 6$	11	66	6
$69 \div 3 = 23$	$3 \overline{) 69} \quad 23$	3	69	23
$108 \div 12 = 9$	$12 \overline{) 108} \quad 9$	12	108	9
$84 \div 6 = 14$	$6 \overline{) 84} \quad 14$	6	84	14
$98 \div 14 = 7$	$14 \overline{) 98} \quad 7$	14	98	7
$120 \div 8 = 15$	$8 \overline{) 120} \quad 15$	8	120	15
$128 \div 16 = 8$	$16 \overline{) 128} \quad 8$	16	128	8

2.

$7 \times 4 = 28$	$4 \times 7 = 28$	$28 \div 4 = 7$	$28 \div 7 = 4$
$4 \times 9 = 36$	$9 \times 4 = 36$	$36 \div 9 = 4$	$36 \div 4 = 9$
$6 \times 8 = 48$	$8 \times 6 = 48$	$48 \div 8 = 6$	$48 \div 6 = 8$
$8 \times 9 = 72$	$9 \times 8 = 72$	$72 \div 9 = 8$	$72 \div 8 = 9$
$13 \times 3 = 39$	$3 \times 13 = 39$	$39 \div 3 = 13$	$39 \div 13 = 3$
$5 \times 15 = 75$	$15 \times 5 = 75$	$75 \div 15 = 5$	$75 \div 5 = 15$
$14 \times 4 = 56$	$4 \times 14 = 56$	$56 \div 4 = 14$	$56 \div 14 = 4$
$9 \times 9 = 81$	$9 \times 9 = 81$	$81 \div 9 = 9$	$81 \div 9 = 9$
$6 \times 16 = 96$	$16 \times 6 = 96$	$96 \div 16 = 6$	$96 \div 6 = 16$



3. a) 6 b) 4 c) 7 d) 5 e) 13 f) 5 g) 2
 h) 7 i) 6 j) 9 k) 14 l) 7 m) 15 n) 12
 o) 9

Practice Time

3. a) Q – 14 b) Q – 14 c) Q – 8 d) Q – 11 e) Q – 28, R – 1
 f) Q – 16 g) Q – 13 h) Q – 13, R – 1 i) Q – 22 j) Q – 12, R – 8
 k) Q – 125 l) Q – 111 m) Q – 141 n) 45 o) Q – 91, R – 1
 p) Q – 79, R – 3 q) Q – 48, R – 1, r) Q – 128, R – 3

Practice Time

1. Q—Quotient; R—Remainder

- a) Q – 336, R – 5 b) Q – 920, R – 3 c) Q – 721, R – 3
 d) Q – 869, R – 0 e) Q – 1045, R – 4 f) Q – 788, R – 1
 g) Q – 318, R – 8 h) Q – 3135, R – 1 i) Q – 471, R – 0

Practice Time

1. a) 26 b) 8 c) 0
 d) 0 e) 1 f) 1
 g) 60 h) 1
2. a) 6 b) 9 c) 7
 d) 16 e) 20 f) 386
 g) 487 h) 65

Practice Time

1. $7160 \div 8 = ₹ 895$ 2. $966 \div 6 = 161$ Pens.
 3. $1008 \div 4 = 252$ 4. $2277 \div 9 = 253$ litres

Scan Your Brain

1.

Statement	Dividend	Divisor	Quotient	Remainder
$58 \div 3$	58	3	19	1
$73 \div 6$	73	6	12	1





$82 \div 9$	82	9	9	1
$74 \div 4$	74	4	18	2
$85 \div 2$	85	2	42	1
$96 \div 5$	96	5	19	1
$75 \div 8$	75	8	9	3
$66 \div 7$	66	7	9	3

2.

Quotient	Remainder	Quotient	Remainder
a) 55	4	f) 41	1
b) 192	2	g) 81	6
c) 72	7	h) 1170	3
d) 95	2	i) 532	1
e) 165	2		

3.

$$392 \div 9 = 43 \text{ pens}$$

Remaining 5
Money left
 $= 392 - (43 \times 9)$
 $= 392 - 387 = ₹ 5$

$$455 \div 7 = 65 \text{ eggs}$$

$$2096 \div 8 = 262 \text{ rows}$$

$$864 \div 4 = 216 \text{ children}$$

Hots Questions

A year has 365 days and a week has 7 days. So, we have to divide 365 by 7 to get the number of weeks in a year.

\therefore We have 52 weeks in a year.

$$\begin{array}{r} 7 \overline{) 365} \quad 52 \\ \underline{- 35} \\ 15 \\ \underline{- 14} \\ 1 \end{array}$$



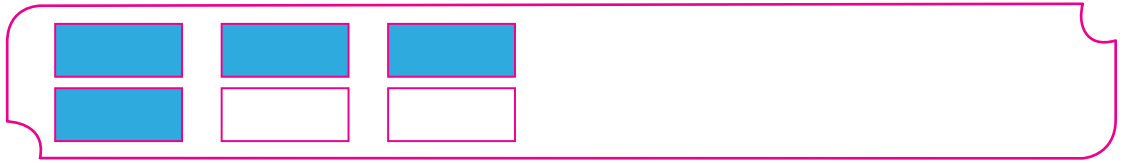
9 Fraction

Answers

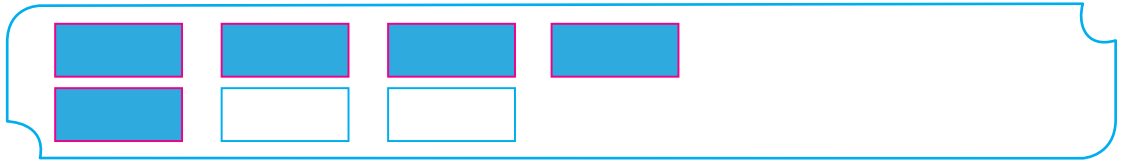
Practice Time

1.

$$\frac{4}{6}$$



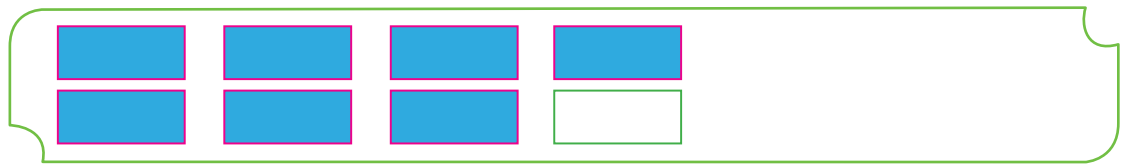
$$\frac{5}{7}$$



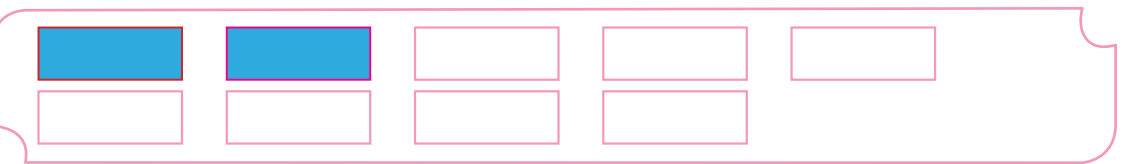
$$\frac{3}{5}$$



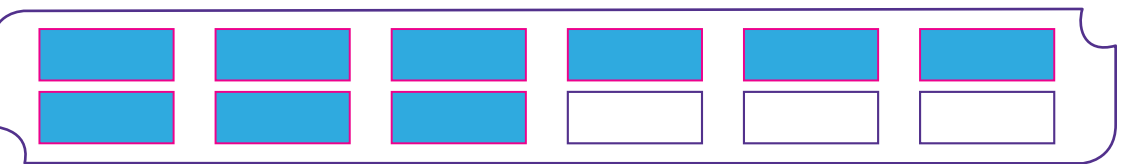
$$\frac{7}{8}$$



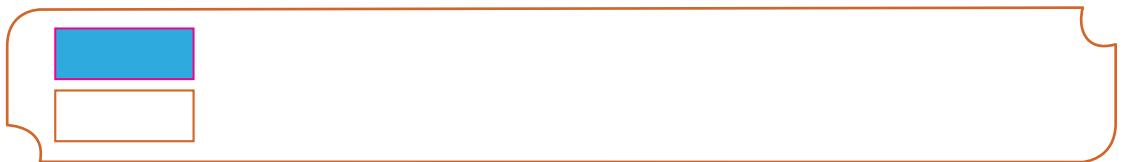
$$\frac{2}{9}$$



$$\frac{9}{12}$$



$$\frac{1}{2}$$



$$\frac{2}{3}$$





2. $\frac{2}{4}$ $\frac{4}{8}$ $\frac{3}{6}$ $\frac{2}{8}$ $\frac{3}{6}$

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

$\frac{4}{6}$

$\frac{3}{10}$

$\frac{2}{3}$

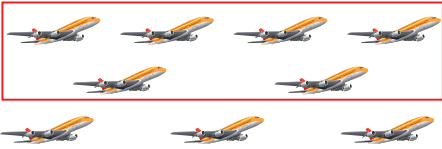
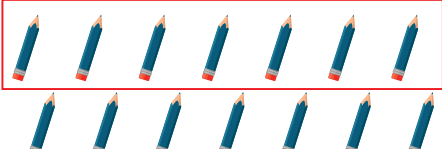

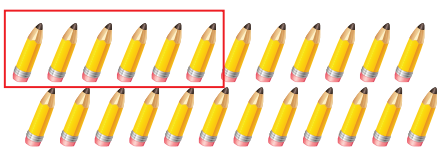
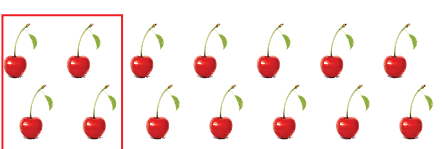
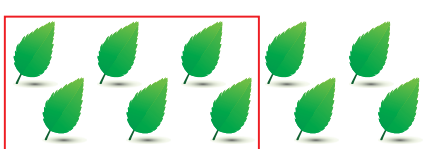
$\frac{3}{6}$

$\frac{3}{12}$

4.

Fraction	Picture	Number	
$\frac{1}{4}$		16	$\frac{1}{4}$ of 16 = 4
$\frac{1}{3}$		12	$\frac{1}{3}$ of 12 = 4
$\frac{3}{4}$		8	$\frac{3}{4}$ of 8 = 6



$\frac{2}{3}$		9	$\frac{2}{3}$ of 9 = 6
$\frac{1}{2}$		14	$\frac{1}{2}$ of 14 = 7
$\frac{1}{3}$		18	$\frac{1}{3}$ of 18 = 6
$\frac{1}{4}$		24	$\frac{1}{4}$ of 24 = 6
$\frac{2}{7}$		14	$\frac{2}{7}$ of 14 = 4
$\frac{3}{5}$		10	$\frac{3}{5}$ of 10 = 6

Practice Time

1. a) $\frac{2}{1}, \frac{1}{6}, \frac{3}{8}, \frac{1}{2}$ b) $\frac{1}{8}, \frac{2}{3}, \frac{11}{17}, \frac{5}{6}$ c) $\frac{3}{7}, \frac{2}{5}, \frac{1}{2}, \frac{2}{3}$ d) $\frac{2}{7}, \frac{3}{5}, \frac{8}{9}, \frac{1}{10}$

2. a) $\left(\frac{1}{3}, \frac{8}{9}, \frac{3}{2}, \frac{7}{8}\right)$ b) $\left(\frac{6}{11}, \frac{12}{7}, \frac{3}{5}, \frac{14}{9}\right)$ c) $\left(\frac{3}{7}, \frac{14}{11}, \frac{15}{7}, \frac{9}{4}\right)$ d) $\left(\frac{13}{15}, \frac{15}{19}, \frac{19}{21}, \frac{21}{19}\right)$

3. a) $\frac{1}{3}, \frac{8}{9}, \left(\frac{3}{2}, \frac{7}{8}\right)$ b) $\frac{5}{7}, \left(\frac{9}{5}, \frac{12}{7}, \frac{1}{5}\right)$ c) $\left(\frac{26}{3}, \frac{5}{18}, \frac{6}{35}, \frac{43}{12}\right)$ d) $\left(\frac{52}{9}, \frac{17}{4}, \frac{8}{41}, \frac{11}{19}\right)$

Practice Time

1. $\frac{1}{4} < \frac{3}{4}$ $\frac{5}{8} > \frac{2}{8}$ $\frac{4}{5} = \frac{4}{5}$
 $\frac{1}{9} < \frac{4}{9}$ $\frac{5}{6} > \frac{3}{6}$ $\frac{1}{7} < \frac{6}{7}$





2.

$\frac{1}{4}$	$\frac{3}{4}$	$\frac{5}{7}$	$\frac{1}{7}$	$\frac{3}{6}$	$\frac{4}{6}$	$\frac{6}{7}$	$\frac{3}{7}$	$\frac{5}{9}$	$\frac{7}{9}$
$\frac{7}{11}$	$\frac{9}{11}$	$\frac{7}{8}$	$\frac{5}{8}$	$\frac{3}{10}$	$\frac{9}{10}$	$\frac{6}{9}$	$\frac{4}{9}$	$\frac{10}{7}$	$\frac{3}{7}$
$\frac{7}{9}$	$\frac{2}{9}$	$\frac{4}{11}$	$\frac{4}{11}$	$\frac{7}{8}$	$\frac{5}{8}$	$\frac{6}{21}$	$\frac{7}{21}$	$\frac{6}{8}$	$\frac{6}{8}$

3.

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

4.

$\frac{10}{12}, \frac{8}{12}, \frac{7}{12}, \frac{4}{12}, \frac{1}{12}$	$\frac{6}{7}, \frac{4}{7}, \frac{3}{7}, \frac{2}{7}, \frac{1}{7}$
$\frac{12}{15}, \frac{11}{15}, \frac{6}{15}, \frac{4}{15}, \frac{2}{15}$	$\frac{5}{5}, \frac{4}{5}, \frac{3}{5}, \frac{2}{5}, \frac{1}{5}$
$\frac{5}{21}, \frac{4}{21}, \frac{3}{21}, \frac{2}{21}, \frac{1}{21}$	


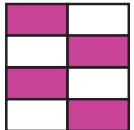



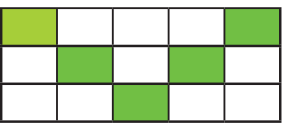

Practice Time

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



- b) $\frac{1}{7}, \frac{2}{14}, \frac{3}{21}, \frac{4}{28}, \frac{5}{35}, \frac{6}{42}$
 c) $\frac{1}{5}, \frac{2}{10}, \frac{3}{15}, \frac{4}{20}, \frac{5}{25}, \frac{6}{30}$
 d) $\frac{1}{6}, \frac{2}{12}, \frac{3}{18}, \frac{4}{24}, \frac{5}{30}, \frac{6}{36}$
 e) $\frac{1}{3}, \frac{2}{6}, \frac{3}{9}, \frac{4}{12}, \frac{5}{15}, \frac{6}{18}$
 f) $\frac{1}{8}, \frac{2}{16}, \frac{3}{24}, \frac{4}{32}, \frac{5}{40}, \frac{6}{48}$
 g) $\frac{1}{9}, \frac{2}{18}, \frac{3}{27}, \frac{4}{36}, \frac{5}{45}, \frac{6}{54}$
 h) $\frac{1}{10}, \frac{2}{20}, \frac{3}{30}, \frac{4}{40}, \frac{5}{50}, \frac{6}{60}$

Scan Your Brain

Figures	Fraction of shaded portion	Fraction of unshaded portion	Fraction of shaded portion + Fraction of unshaded portion
	$\frac{2}{4}$	$\frac{2}{4}$	$\frac{2}{4} + \frac{2}{4} = 1$
	$\frac{4}{8}$	$\frac{4}{8}$	$\frac{4}{8} + \frac{4}{8} = 1$
	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{3}{8} + \frac{5}{8} = 1$
	$\frac{4}{8}$	$\frac{4}{8}$	$\frac{4}{8} + \frac{4}{8} = 1$
	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2} + \frac{1}{2} = 1$
	$\frac{5}{15}$	$\frac{10}{15}$	$\frac{5}{15} + \frac{10}{15} = 1$
	$\frac{6}{12}$	$\frac{6}{12}$	$\frac{6}{12} + \frac{6}{12} = 1$



	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{3}{8} + \frac{5}{8} = 1$
	$\frac{5}{10}$	$\frac{5}{10}$	$\frac{5}{10} + \frac{5}{10} = 1$

2. a) 4 b) 5 c) 8 d) 5 e) 2 f) 17
 g) 6 h) 8 i) 14

3. a) b) c)
 d) e) f)
 g) h) i)

Hots Questions

$$\frac{\boxed{1}}{\boxed{4}} + \frac{\boxed{1}}{\boxed{4}} + \frac{\boxed{1}}{\boxed{4}} + \frac{\boxed{1}}{\boxed{4}} = 1$$

$$\frac{\boxed{1}}{\boxed{6}} + \frac{\boxed{1}}{\boxed{6}} + \frac{\boxed{1}}{\boxed{6}} + \frac{\boxed{1}}{\boxed{6}} + \frac{\boxed{1}}{\boxed{6}} + \frac{\boxed{1}}{\boxed{6}} = 1$$

$$\frac{\boxed{1}}{\boxed{3}} + \frac{\boxed{1}}{\boxed{3}} + \frac{\boxed{1}}{\boxed{3}} = 1$$



10 Measurement

Answers

Practice Time

1.

8 m	$8 \times 100 = 800 \text{ cm}$
10 m	$10 \times 100 = 1000 \text{ cm}$
5 m 48 cm	$5 \times 100 + 48 = 548 \text{ cm}$
7 m 32 cm	$7 \times 100 + 32 = 732 \text{ cm}$
4 m 40 cm	$4 \times 100 + 40 = 440 \text{ cm}$
5 m 2 cm	$5 \times 100 + 2 = 502 \text{ cm}$

2.

302 cm	$302 \div 100 = 3 \text{ m} + 2 \text{ cm} = 3 \text{ m } 2 \text{ cm}$
965 cm	$965 \div 100 = 9 \text{ m} + 65 \text{ cm} = 9 \text{ m } 65 \text{ cm}$
2396 cm	$2396 \div 100 = 23 \text{ m} + 96 \text{ cm} = 23 \text{ m } 96 \text{ cm}$
846 cm	$846 \div 100 = 8 \text{ m} + 46 \text{ cm} = 8 \text{ m } 46 \text{ cm}$
1275 cm	$1275 \div 100 = 12 \text{ m} + 75 \text{ cm} = 12 \text{ m } 75 \text{ cm}$
9969 cm	$9969 \div 100 = 99 \text{ m} + 69 \text{ cm} = 99 \text{ m } 69 \text{ cm}$
6000 cm	$6000 \div 100 = 60 \text{ m} + 0 \text{ cm} = 60 \text{ m}$

3.

6 km 29 m	$6 \times 1000 + 29 \text{ m} = 6029 \text{ m}$
7 km 135 m	$7 \times 1000 + 135 \text{ m} = 7135 \text{ m}$
8 km 372 m	$8 \times 1000 + 372 \text{ m} = 8372 \text{ m}$
10 km 456 m	$10 \times 1000 + 456 \text{ m} = 10456 \text{ m}$





4.

3167 m	$3167 \div 1000 = 3 \text{ km} + 167 \text{ m} = 3 \text{ km } 167 \text{ m}$
9625 m	$9625 \div 1000 = 9 \text{ km} + 625 \text{ m} = 9 \text{ km } 625 \text{ m}$
2836 m	$2836 \div 1000 = 2 \text{ km} + 836 \text{ m} = 2 \text{ km } 836 \text{ m}$
6382 m	$6382 \div 1000 = 6 \text{ km} + 382 \text{ m} = 6 \text{ km } 382 \text{ m}$

Practice Time

1. a) 15m 65cm b) 9m 58cm c) 13m 37cm d) 25m 44cm
 e) 43m 73cm f) 8m 21cm g) 12m 7cm h) 25km 469m
 i) 33km 840m j) 17km 579m k) 7km 854m
2. a) 1m 51cm b) 1m 17cm c) 4m 82cm d) 8m 80cm
 e) 5km 831m f) 2km 938m g) 3km 660m h) 4km 101m
 i) 1km 114m j) 818m k) 2km 892m l) 2km 112m

Practice Time

1. a) $6 \times 1000 = 6000 \text{ g}$ b) $5 \times 1000 + 750 = 5750 \text{ g}$
 c) $2 \times 1000 = 2000 \text{ g}$ d) $6 \times 1000 + 90 = 6090 \text{ g}$
 e) $3 \times 1000 + 10 = 3010 \text{ g}$ f) $9 \times 1000 + 58 = 9058 \text{ g}$
2. a) $3452 \div 1000 = 3 \text{ kg} + 452 \text{ g} = 3 \text{ kg } 452 \text{ g}$
 b) $9863 \div 1000 = 9 \text{ kg} + 863 \text{ g} = 9 \text{ kg } 863 \text{ g}$
 c) $4267 \div 1000 = 4 \text{ kg} + 267 \text{ g} = 4 \text{ kg } 267 \text{ g}$
 d) $7009 \div 1000 = 7 \text{ kg} + 9 \text{ g} = 7 \text{ kg } 9 \text{ g}$
 e) $2256 \div 1000 = 2 \text{ kg} + 256 \text{ g} = 2 \text{ kg } 256 \text{ g}$
 f) $18247 \div 1000 = 18 \text{ kg} + 247 \text{ g} = 18 \text{ kg } 247 \text{ g}$
 g) $7690 \div 1000 = 7 \text{ kg} + 690 \text{ g} = 7 \text{ kg } 690 \text{ g}$
 h) $37645 \div 1000 = 37 \text{ kg} + 645 \text{ g} = 37 \text{ kg } 645 \text{ g}$
3. a) 6kg 688g b) 9kg 30g c) 12kg 609g d) 7kg 980g e) 9kg 859g
 f) 16kg 739g g) 30g 137mg h) 26g 332mg i) 15g 079mg



4. a) 3kg 012g b) 3kg 246g c) 3kg 223g d) 1kg 652g
 e) 1kg 836g f) 2kg 11g

Practice Time

1. (a) 5 kl 683 l (b) 13600 l (c) 3 kl 926 l (d) 5200 l
 (e) 1 kl 874 l (f) 73562 l (g) 1 kl 8 l (h) 214 kl 285 l
2. (a) 9 l 563 ml (b) 11 l 823 ml (c) 17 l 612 ml (d) 11 l 474 ml
 (e) 9 kl 380 l (f) 5 kl 383 l
3. (a) 3 l 603 ml (b) 829 ml (c) 3 l 820 ml (d) 11 l 137 ml
 (e) 2 l 858 ml (f) 2 l 114 ml

Practice Time

1.

	km	m	
	475	000	
	56	975	
+	20	720	
	552	695	

552 km 695 m is the total distance covered by Mr. Kumar.

2.

	m	cm	
	5	00	
-	2	25	
	2	75	

The length of cloth left is 2 m 75 cm.

3.

	km	m	
	② 95 ^①	840	
	56	240	
+	19	145	
	171	225	
	km	m	
	180	900	
-	171	225	
	9 km	675 m	

9 km 675 m distance left.





Practice Time

1. a) 146 kg 63 g b) 285 km 347 m c) 292 k ℓ 551 ℓ

2. a) 23 km 84 m b) 17 m 39 cm

c) 21 kg 17 g d) 14 ℓ 209 m ℓ

3.

m	cm
10	26
- 5	35
<hr/>	
4 m	91 cm

m	cm
15	00
- 9	32
<hr/>	
5 m	68 cm

kg	g
42	346
+ 46	280
<hr/>	
88 kg	626 g

Hots Questions

1. a) 320 m b) 695 m c) 90000 cm

2. a) 50 g b) 66500 mg c) 235 g

3. a) 333 m ℓ b) 665 m ℓ

4. a) 500 ℓ b) 343500 m ℓ

II Money

Answers

Practice Time

1. a) 700 paise b) 1100 paise c) 2600 paise d) 5000 paise

e) 1234 paise f) 1919 paise g) 1001 paise h) 2710 paise

i) 5571 paise j) 9999 paise k) 10000 paise l) 2572 paise

m) 3210 paise n) 1601 paise o) 10010 paise p) 25 paise

2. a) ₹ 1 and 98 paise b) ₹ 3 and 65 paise c) ₹ 75 and 75 paise

d) ₹ 127 and 89 paise e) ₹ 200 and 38 paise f) ₹ 20 and 05 paise

g) ₹ 50 and 50 paise h) ₹ 100 and 01 paise

3.

₹ 12



₹ 8



₹ 35



₹ 100



Practice Time

- a) ₹ 17 and 78 paise b) ₹ 21 and 59 paise c) ₹ 68 and 72 paise

d) ₹ 107 and 14 paise e) ₹ 130 f) ₹ 390 and 35 paise

g) ₹ 205 and 10 paise h) ₹ 301 i) ₹ 581 and 35 paise

j) ₹ 1016 and 8 paise k) ₹ 377 and 34 paise l) ₹ 921 and 39 paise
- a) ₹ 3 and 15 paise b) ₹ 2 and 52 paise c) ₹ 20 and 66 paise

d) ₹ 16 and 55 paise e) ₹ 221 and 49 paise f) ₹ 310 and 26 paise

g) ₹ 110 and 89 paise h) ₹ 91 and 31 paise i) ₹ 41 and 1 paise

Practice Time

- a) ₹ 99.50 b) ₹ 78.00 c) ₹ 139.55 d) ₹ 92.75

e) ₹ 62.75 f) ₹ 147.90 g) ₹ 123.75 h) ₹ 102.50
- a) ₹ 40.50 b) ₹ 87.00 c) ₹ 59.50 d) ₹ 27



e) ₹ 37.50

f) ₹ 48.75

g) ₹ 76.75

h) ₹ 32.50

3. a) ₹ 552

b) ₹ 584

c) ₹ 96.25

d) ₹ 452

e) ₹ 698

f) ₹ 31

g) ₹ 82

h) ₹ 150

i) ₹ 490

j) ₹ 317.25

k) ₹ 46.5

4. a) ₹ 10

b) ₹ 16

c) ₹ 11

d) ₹ 21

e) ₹ 43

f) ₹ 57

g) ₹ 17

h) ₹ 24

5. a)

$$\begin{array}{r}
 \textcircled{1}\textcircled{1} \\
 \text{₹ } 11.75 \\
 \text{₹ } 21.25 \\
 \text{₹ } 43.25 \\
 \hline
 \text{₹ } 76.25
 \end{array}$$

b)

$$\begin{array}{r}
 \text{₹ } 21.75 \times 6 \\
 = \text{₹ } 130.5
 \end{array}$$

c)

$$\begin{array}{r}
 \text{₹ } 123.18 \div 6 \\
 = \text{₹ } 20.53
 \end{array}$$

d)

$$\begin{array}{r}
 \text{₹ } 145.95 \div 5 \\
 = \text{₹ } 29.19
 \end{array}$$

Scan Your Brain

1. a) ₹ 110

b) ₹ 100

c) ₹ 59.18

d) ₹ 98.66

2. a) ₹ 6.25

b) ₹ 11.78

c) ₹ 0.24

d) ₹ 603.21

3. a) 227.64

b) 91.35

c) 948.15

d) 283.75

4. a) 4.04

b) 9.8

c) 5.15

d) 5.1



5.

$$\begin{array}{r} ₹ 34.50 \\ + ₹ 45.00 \\ \hline ₹ 79.50 \end{array}$$

$$\begin{array}{r} ₹ 150 - [₹ 48.25 \\ + ₹ 6 + ₹ 5] \\ ₹ 150 - [₹ 59.25] \\ = ₹ 90.75 \end{array}$$

$$\begin{array}{r} 3 \times ₹ 20.00 = ₹ 60 \\ 4 \times ₹ 35.00 = ₹ 140 \\ ₹ 60 + ₹ 140 = ₹ 200 \end{array}$$

Hots Questions

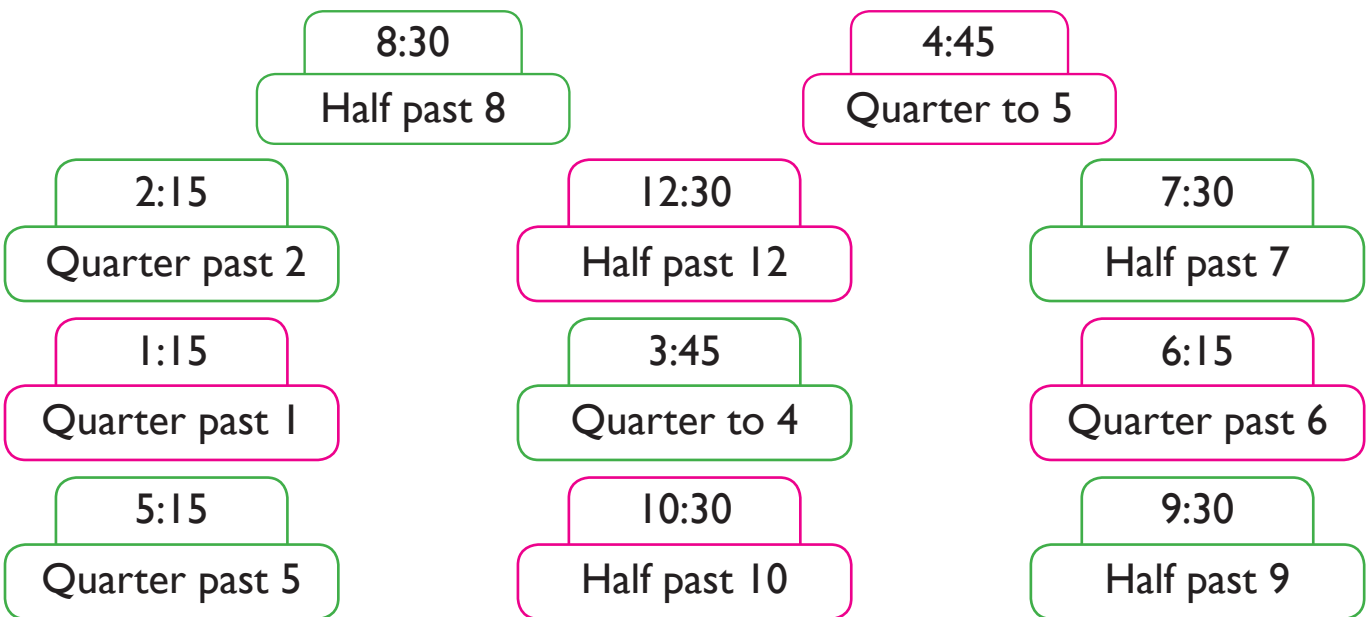
1. 25
2. 30
3. $₹ 12600 \div 6 = ₹ 2100$
4. $₹ 10,000 \times 12 = ₹ 12,000$

12 Time

Answers

Practice Time

1.





2.



3.

3:20

Twenty minutes past 3

7:35

Thirty five minutes past 7

8:10

Ten minutes past 8

9:40

Forty minutes past 9

11:25

Twenty five minutes past 11

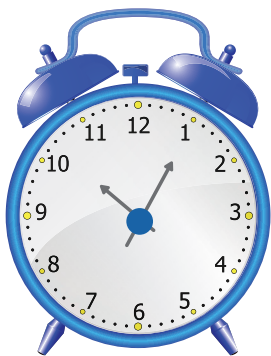
10:55

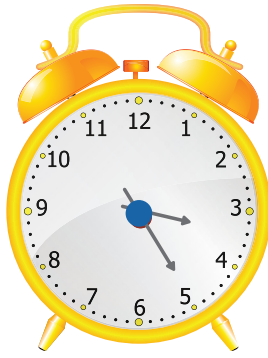
Fifty five minutes past 10

11:30

Thirty minutes past 11

4.





Practice Time

1.
 - a) $7 \times 60 = 420$ minutes
 - b) $9 \times 60 = 540$ minutes
 - c) $12 \times 60 = 720$ minutes
 - d) $(5 \times 60) + 17 = 300 + 17 = 317$ minutes
 - e) $(6 \times 60) + 42 = 360 + 42 = 402$ minutes
 - f) $(9 \times 60) + 30 = 540 + 30 = 570$ minutes

2.
 - a) $25 \times 60 = 1500$ sec
 - b) $32 \times 60 = 1920$ sec
 - c) $17 \times 60 = 1020$ sec
 - d) $(9 \times 60) + 54 = 540 + 54 = 594$ sec
 - e) $(12 \times 60) + 36 = 720 + 36 = 756$ sec
 - f) $(18 \times 60) + 44 = 1080 + 44 = 1124$ sec

3.
 - a) $2 \times 24 = 48$ hours
 - b) $3 \times 24 = 72$ hours
 - c) $7 \times 24 = 168$ hours
 - d) $(5 \times 24) + 14 = 120 + 14 = 134$ hours
 - e) $(6 \times 24) + 12 = 144 + 12 = 156$ hours
 - f) $(12 \times 24) + 15 = 288 + 15 = 303$ hours

Scan Your Brain

1.



2:15

Quarter past 2

15 minutes past 2



9:15

Quarter past 9

15 minutes past 9



6:45

Quarter to 7

45 minutes past 6



2:45

Quarter to 3

45 minutes past 2



1:30

Half past 1

30 minutes past 1

2. a) $(2 \times 24) + 3 = 48 + 3 = 51$ hours
b) $(18 \times 60) + 28 = 1080 + 28 = 1108$ minutes
c) $(36 \times 60) + 22 = 2160 + 22 = 2182$ seconds
d) $24 \times 60 = 1440$ minutes

Hots Questions

1. a) 3600 seconds
b) 17580 minutes
2. a) 10 : 45 am
b) 12 : 01 pm
c) 12 : 10 pm



13 Data Handling

Answers

Practice Time

1.

Dosa	Idli	Pizza	Burger	Vada	Noodles	Sandwiches	Pasta
28	12	8	15	7	18	4	5

Dosa	
Idli	
Pizza	
Burger	
Vada	
Noodles	
Sandwiches	
Pasta	

a) Sandwiches b) Dosa c) Noodles d) Vada





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


3. a) 60 toys b) Wednesday
 c) Monday and Thursday




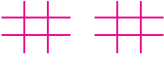








4.

Rice	
Wheat Flour	
Gugar	
Tea Leaf	
Oil	

 = 5 kg

5.

Number of family members	Number of flats (families)
1	
2	
3	
4	
5	
6	
7	
8	

 = 2 families (flats)

 = 1 family (flat)

a) 44

b) 18

c) 6



Practice Time

1.

Flavour	No. of students	Tally Marks
Strawberry	06	
Vanilla	04	
Pineapple	08	
Chocolate	12	
Pista	05	
Total	35	35

2.

Subject	No. of children	Tally Marks
Maths	8	
English	7	
Hindi	5	
EVS	5	
PT	10	
Computers	2	
Total	37	37

Practice Time

1.

Colour	Tally Marks	No. of students
Pink		4
Red		7
Green		3





White		2
Yellow		3
Blue	/	5
Purple		4
Grey		2

2. $\times = 5$ Units

Toffees	$\times \times \times \times \times \times \times \times \times \times$
Soft Drinks	$\times \times \times \times$
Tooth Paste	$\times \times \times$
Chocolates	$\times \times \times \times$
Soaps	$\times \times \times \times \times \times \times \times \times$
Washing Power	$\times \times \times \times \times$