



Gurunanak & Chandraketu Pandya English Medium School
Shri Rajanikant Vyas & Chandraketu Pandya English Medium Higher Secondary School
(Pre-Primary, Primary, Secondary & Higher Secondary - Science and Commerce Stream)

Kumbhanath Society, Aavkar Hall Road, Maninagar, Ahmedabad-8. Ph. 25450086 • www.gnchool.com
F.A.-4 STD 4 Sub: MATHS Chap:12,13,14,15

Q-1 show type questions 50 marks

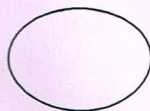
1. Use your compass to draw a circle of radius 4 centimetre. What is the diameter of this circle?
2. Use your compass to draw a circle of radius 4 centimetre. What is the diameter of this circle?
3. What is the radius of a circle whose diameter is 5 cm?
4. What is the radius of a circle whose diameter is 6 cm?
5. Determine the parameter of the triangle whose sides are 5 centimetre 4 centimetres 6 centimetre
6. Determine the parameter of the triangle whose sides are 34 centimetre 41 centimetres 39 centimetre
7. Determine the parameter of the rectangle whose length is 3 centimetre and breath is 2 centimetre
8. Determine the parameter of the square of side is 2 centimetre
9. Determine the perimeter of the square feet is 5 centimetre
10. determine the perimeter of the rectangle whose length is 12 metre and breath is 10 metre
11. Find the breadth if parameter is 80 centimetre and length is 28 centimetre
12. Find the length of the perimeter is 230 centimetre and breadth is 50 centimetre
13. What is the length of the side of a square whose perimeter is 36 centimetre
14. What is the length of the side of a square whose perimeter is 92 centimetre
15. Find the area of the square whose one side measures is 7 centimetre
16. Find the area of the square whose one side is 9 centimetres
17. Find the area of the rectangle of dams dimensions 35 centimetre by 20 centimetre
18. Find the area of the rectangle of dimensions 60 centimetre by 35 centimetres
19. Find the length of the rectangle if area is 56 centimetres square and rate 8 centimetre
20. Find the breadth of the rectangle if area is 216 centimetres square and length is 36 centimetres
21. Draw symmetry lines in A
22. Draw symmetry lines in E
23. Draw symmetry lines in H
24. Draw symmetry lines in square

Q-2 long type questions (40)

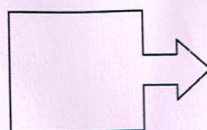
1. C.D. of a circle how many can be drawn using only this point as the end point of the cord.
2. Find the parameter of a triangle whose sides are equal and measure 7 centimetre each.
3. Two sides of a triangle are equal and measure 4 centimetre is if the perimeter of the triangle is 13 centimetre find the third side
4. The perimeter of a rectangle is 46 centimetre the length of the rectangle is 13 centimetre what is its breadth?
5. The perimeter of a rectangle is 30 centimetres The Breath of the rectangle is 9 centimetre what is its length
6. What is the length of the side of a square whose perimeter is 48 centimetres
7. Draw the symmetry lines in



8. Draw the symmetry lines in



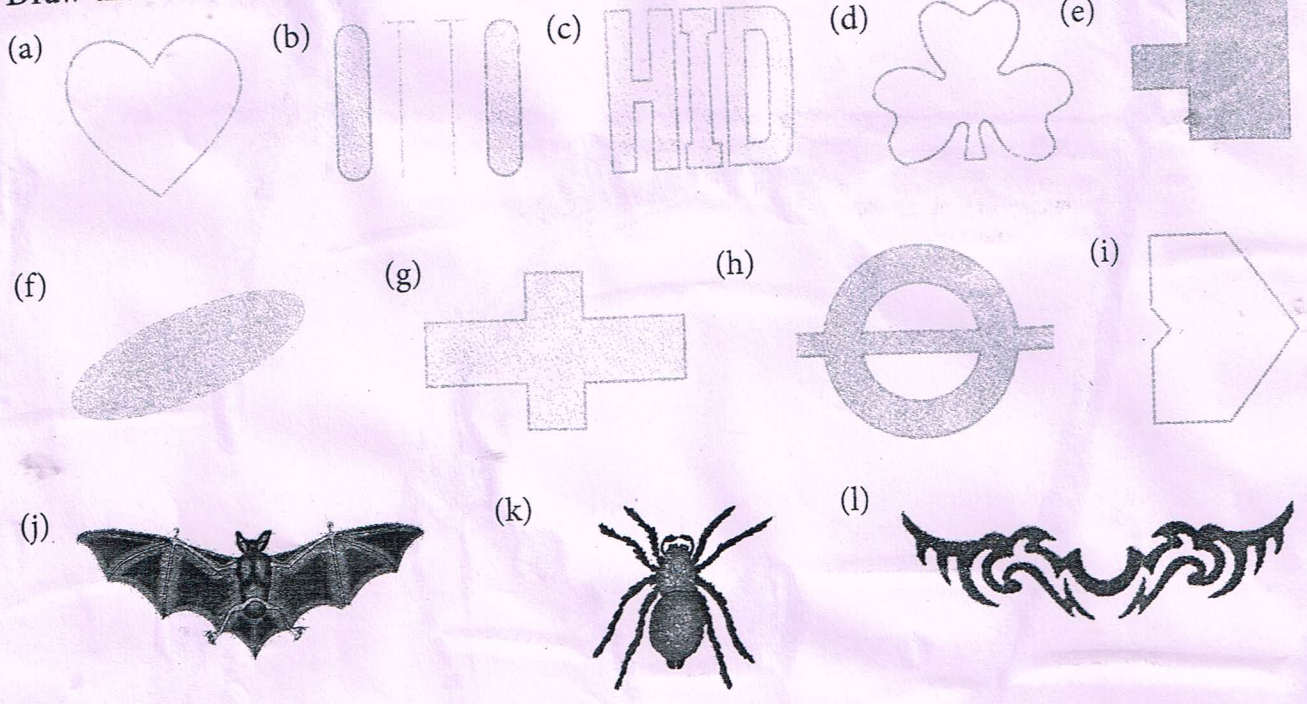
9. Draw the symmetry lines in



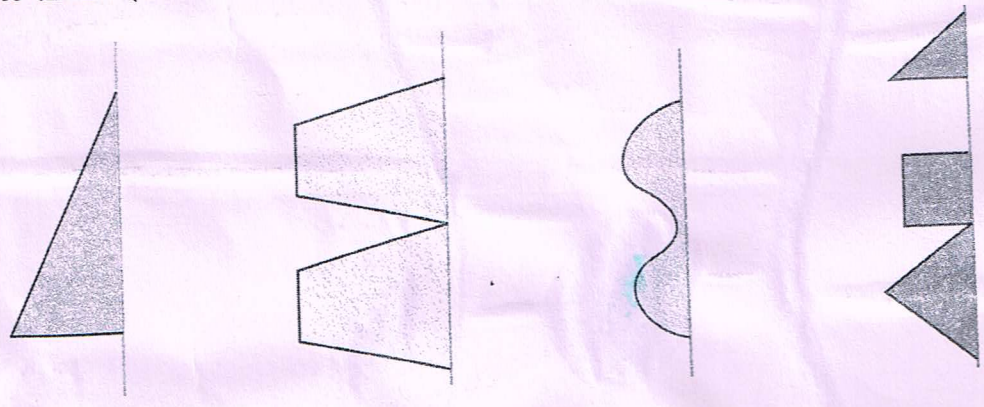
10. Find the area of a rectangle with length 8 cm and breadth 6 cm.

11. Find the length of a rectangle whose area is 27 sq cm and breadth is 3 cm.

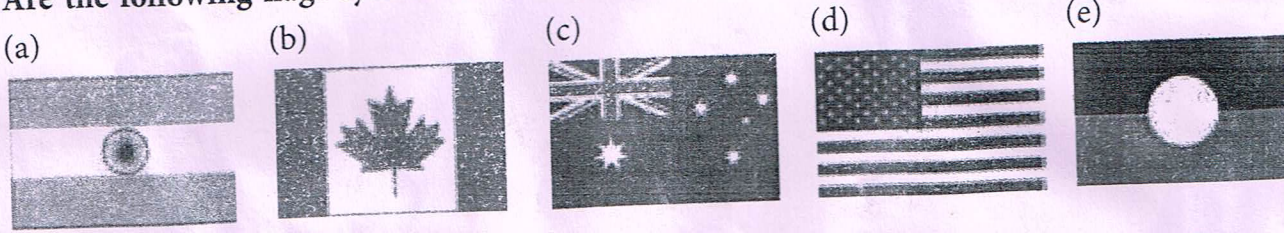
12. Draw the line or lines of symmetry.



13. These are half shapes with a line of symmetry. Copy these shapes in your note book and complete them. (You can use a tracing paper to trace them.)



14. Are the following flags symmetrical? If yes, then draw the line/lines of symmetry.



Indian Flag

Canadian Flag

Australian Flag

American Flag

Australian Aboriginal

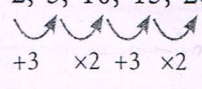


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Find the missing numbers in the following number patterns. Also write the rule for each pattern.

1. 243, 81, 27, _____, _____, 1. Rule _____
2. 96, 48, _____, _____, 6, 3. Rule _____
3. 2048, 512, 128, _____, 8, _____. Rule _____
4. 1875, 375, _____, 15, _____. Rule _____
5. 486, 162, 54, _____, _____, _____. Rule _____
6. 6400, 3200, 1600, _____, _____, _____. Rule _____
7. 2, 5, 10, 13, 26, 29, 58, _____, _____. Rule _____

8. 10, 8, 24, 22, 66, 64, 192, _____, _____. Rule _____
9. 25, 20, 200, 195, 1950, _____, _____. Rule _____
10. 7, 10, 40, 43, 172, _____, _____. Rule _____



Find the missing numbers in the following number patterns. Also write the rule for each pattern.

1. 1, 2, 4, 8, 16, _____, _____, _____, _____. Rule _____
2. 1, 3, 9, _____, _____, _____, _____. Rule _____
3. 4, 16, _____, _____, _____, 4096. Rule _____
4. 1, 5, 25, _____, _____, 3125. Rule _____
5. 1, 7, 49, _____, 2401, _____. Rule _____
6. 5, 20, 80, _____, _____. Rule _____
7. 2, 6, 18, _____, 162, _____. Rule _____
8. 1, 10, 100, _____, _____, _____. Rule _____





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STD 4th SUB Gujarati F. A -4 Date Marks 90

પ્ર 1 સમાનાર્થિ શબ્દ લખો [20]

- [1] પગ [2] સકટ [3] રસ્તો [4] પખિ [5] રાત
[6] શરીર [7] પાણી [8] ફુલ [9] પવન [10] હુકમ

પ્ર 2 વિરોધી શબ્દ લખો [20]

- [1] મોટા [2] બહાર [3] હાર [4] સવાર [5] જુનુ
[6] કાચુ [7] બિક્ષા [8] ફાયદો [9] પ્રેમ [10] સુકા

પ્ર 3 ખરા ખોટા લખો [20]

- [1] ભોલુ દુધ ના કેન મા ડૂબી ને મરી ગયો. []
[2] ભોલુ એ ધીરજ ન ખોઈ ને પોતાના પ્રાણ બચાવ્યા []
[3] પાચ પાડોશી વચમા ગોરબાઇ []
[4] શરીર આખુ બહાર રાકી, પાણી મા ફરનારી []
[5] બે બાજુ બે ચામડા વચે પોલપોલ []
[6] સાપ ખુબ જ આળસુ હતો []
[7] સાપે પોતાના રહેવા માટે એક વિશાળ પવત પસંદ કર્યો
[8] સાપ ની બળજબરી ની કિડી ઓ પર કોઈ જ અસર ન થઈ []
[9] વેત જેવડી વરખડી ને ડાલા જેવડુ ફુલ []
[10] મારા ઘર ને ખુણા પાચ, પવન કરતો મુજને પ્યાર []

પ્ર 4 રૂઢિ પ્રયોગ લખો [10]

- [1] કોશિશ કરવી [2] ધીરજ રાખવી [3] નરાશ થઈ જવું
[4] સમજૂતી કરવી [5] સ્વાથી હોવું [6] પીડા થી તડપી ઉ
[7] થર થર ધુજવું [8] જીવ આપવો [9] પેટ ભરવું [10] ધુત્કારી નાખવું

પ્ર 5 સુદર અક્ષરે લખો [20]

ખુબ જ જુના સમય ની વાત છે. એક વખત રાજા ની ચુટણી ઓ ને લઈ ને પશુ પક્ષી ઓ મા યુધ્ધ થઈ ગયું. ચંદન વનમા સાપ રહે તો હતો. એક જગલ હતું તેમા એક શિકારી આવ્યો. શિકારી એ પિંજરુ તોડી નાખ્યું. એક દિવસ સાપે કહ્યું હું વધારે બળવાન છું. સાપ ખુબ જાડો થઈ ગયો હતો. તે ને ખુબ જ અભિમાન હતું. બધા મળી ને સા થે જોડઈ ને ખુબ જ શક્તિ શાળી બની શકે છે.

પ્ર ૬ પ્રશ્નોના જવાબ લખો [૧૦]

- [૧] થાકેલા ધોલુએ ભોલુ ને શું કહ્યું ?
[૨] ચામાચીડીયાઓકેમ અધારીયા કોતરો માં જ રહે છે ?
[૩] સાપ નો ધમડ કેમ વધ્યો ?
[૪] કબુતરી એ કબુતેર ને શું કહ્યું ?

[5] કબુતર કેમ આક્રમ કરતું હતું ?

[6] કિડીઓ ને ક્રોધ આવ્યો પછી શુ થયુ ?

[7] ધોલુ અને ભોલુ દુધ ના કેનમા કેવી રીતે પડી ગયા?

[8] ભોલુ કેવી રીતે બહાર નીકળી ગયો

[9] યુદ્ધ પછી ચામાચિડીયા ઓ ની શી દશા થઇ ?

[10] સાપે કિડી ઓ ના દર પાસે જઇ ગુસ્સા થી શુ કહ્યુ ?

[05]

[05]

[]

[01]

[05]

[01]



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STD: 4
SUB: Aptitude

F.A.-4 Assignment

chap-16,17,18,19

1. Mohit, Sumit and Karan are cousins. Mohit is 10 years old. Sumit is 2 years older than him. Karan is 1 year older than Sumit. How old is Karan? years
2. Sujata, Kareena and Juhi are members of a club. Juhi is 30 years old. Sujata is 5 years younger than Juhi and Kareena is 1 year younger than Sujata. How old is Kareena? years
3. Mr. Lal, Mr. Sen and Mr. Sharma are teachers in a school. Mr. Lal is 40 years old. Mr. Sharma is 2 years younger than him. Mr. Sen is 5 years elder than Mr. Sharma. How old is Mr. Sen? years
4. Sumit, Kapil and Jagjit are members of a cricket team. Kapil is 28 years old. Sumit is 2 years older than him. Jagjit is 5 years younger than Sumit? How old is Jagjit? years
5. Arpit is 7 years old. Mr. Jagan is father of Arpit. Mr. Jagan is five times as old as Arpit. How old is Mr. Jagan? years
6. Romilla and Jyoti are cousins. Jyoti is 5 years old. Age of Romilla is one year more than two times Jyoti's age. How old is Romilla? years

Greatest and Smallest Numbers-1

Make the greatest and smallest number of the given digits using the following operation. Repetition is not allowed.

<p>5, 2, 1 and 8</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>3, 5, 4 and 8</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>7, 3, 2 and 8</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>
<p>6, 5, 4 and 8</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>7, 2, 1 and 5</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>5, 4, 9 and 3</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>
<p>6, 2, 4 and 8</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>1, 3, 7 and 9</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>2, 5, 9 and 7</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>
<p>1, 8, 3 and 9</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>2, 1, 7 and 8</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>4, 5, 6 and 2</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>

Greatest and Smallest Numbers-2

Make the greatest and smallest number of the given digits. Repetition is not allowed.

<p>5, 2, 0 and 8</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>3, 0, 4 and 8</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>7, 3, 2 and 0</p> <p>Greatest Th H T</p> <p>Smallest Th H T</p>
<p>6, 5, 0 and 8</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>7, 2, 0 and 5</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>5, 4, 9 and 0</p> <p>Greatest Th H T</p> <p>Smallest Th H T</p>
<p>6, 0, 4 and 8</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>1, 3, 0 and 9</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>2, 5, 9 and 0</p> <p>Greatest Th H T</p> <p>Smallest Th H T</p>
<p>1, 0, 3 and 9</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>0, 1, 7 and 8</p> <p>Greatest Th H T O</p> <p>Smallest Th H T O</p>	<p>4, 0, 6 and 2</p> <p>Greatest Th H T</p> <p>Smallest Th H T</p>

$\begin{array}{r} \square 1 \square 3 \\ + 2 7 6 \square \\ \hline 6 \square 8 7 \end{array}$	$\begin{array}{r} 2 1 9 \square \\ + \square \square 0 5 \\ \hline 5 3 \square 8 \end{array}$	$\begin{array}{r} 2 \square 8 6 \\ + 6 8 \square 3 \\ \hline \square 9 8 \square \end{array}$
$\begin{array}{r} \square 4 7 \square \\ + 3 2 \square 9 \\ \hline 5 \square 3 5 \end{array}$	$\begin{array}{r} 7 \square 3 4 \\ + \square 9 8 \square \\ \hline 9 2 \square 0 \end{array}$	$\begin{array}{r} 2 1 \square 7 \\ + 5 \square 9 4 \\ \hline \square 0 3 \square \end{array}$
$\begin{array}{r} 5 \square 2 9 \\ - \square 4 1 \square \\ \hline 3 2 \square 4 \end{array}$	$\begin{array}{r} 8 \square 7 \square \\ - 1 3 \square 1 \\ \hline \square 6 2 3 \end{array}$	$\begin{array}{r} \square 4 7 3 \\ - 5 \square \square 0 \\ \hline 1 2 7 \square \end{array}$
$\begin{array}{r} 9 6 4 7 \\ - \square 2 \square 5 \\ \hline 6 \square 8 \square \end{array}$	$\begin{array}{r} \square 2 7 0 \\ - 7 0 \square 3 \\ \hline 1 \square 5 \square \end{array}$	$\begin{array}{r} 5 \square 3 1 \\ - \square 6 \square 5 \\ \hline 2 1 5 \square \end{array}$

$\begin{array}{r} 2 \square 4 \\ \times \quad \quad 2 \\ \hline \square 6 \square \end{array}$	$\begin{array}{r} \square \square 3 \square \\ \times \quad \quad 3 \\ \hline 3 \square 6 \end{array}$	$\begin{array}{r} \square \square 0 \\ \times \quad \quad \square \\ \hline 4 0 \square \end{array}$
$\begin{array}{r} \square 5 6 \\ \times \quad \quad 2 \\ \hline 5 \square \square \end{array}$	$\begin{array}{r} \square 3 6 \\ \times \quad \quad \square \\ \hline 7 \square 8 \end{array}$	$\begin{array}{r} \square 1 8 \\ \times \quad \quad \square \\ \hline \square \square \square \end{array}$
$\begin{array}{r} 3 \square 0 4 \\ \times \quad \quad 2 \\ \hline \square 4 \square \square \end{array}$	$\begin{array}{r} 1 2 \square \square \\ \times \quad \quad 3 \\ \hline \square \square 9 6 \end{array}$	$\begin{array}{r} \square \square 1 \\ \times \quad \quad \square \\ \hline 4 0 \square \end{array}$
$\begin{array}{r} 1 \square 2 6 \\ \times \quad \quad 5 \\ \hline \square 1 \square \square \end{array}$	$\begin{array}{r} \square 4 3 1 \\ \times \quad \quad \square \\ \hline 9 \square \square 4 \end{array}$	$\begin{array}{r} \square 5 9 \\ \times \quad \quad \square \\ \hline 9 \square \square \end{array}$

Division

Apply the following signs:

$\begin{array}{r} 1 \square \\ 2 \overline{) 3 2} \\ - \square \\ \hline \square \square \\ - \square \square \\ \hline \square \square \end{array}$	$\begin{array}{r} 2 \square \\ 3 \overline{) \square \square} \\ - \square \square \\ \hline 1 5 \\ - \square \square \\ \hline \square \square \end{array}$	$\begin{array}{r} \square \square \\ 4 \overline{) 9 \square} \\ - \square \square \\ \hline \square 9 \\ - \square \square \\ \hline \square \square \end{array}$
Q = _____ R = _____	Q = _____ R = _____	Q = _____ R = _____
$\begin{array}{r} 1 \\ 3 \overline{) 4 \square \square} \\ - \square \square \\ \hline \square 6 \\ - \square \square \\ \hline \square 2 \\ - \square \square \\ \hline \square \square \end{array}$	$\begin{array}{r} 2 \square \square \\ 4 \overline{) \square \square 9} \\ - \square \square \square \\ \hline 1 9 \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \square \end{array}$	$\begin{array}{r} 1 \square 3 \\ \square \overline{) 7 \square 5} \\ - \square \square 5 \\ \hline \square 6 \\ - \square \square \square \\ \hline \square \square \square \\ - \square \square \square \\ \hline \square \square \square \end{array}$
Q = _____ R = _____	Q = _____ R = _____	Q = _____ R = _____

Find the products without actually multiplying.

- | | |
|----------------------------|----------------------------|
| 1. $5 \times 300 =$ _____ | 2. $4 \times 600 =$ _____ |
| 3. $7 \times 900 =$ _____ | 4. $6 \times 500 =$ _____ |
| 5. $9 \times 300 =$ _____ | 6. $8 \times 700 =$ _____ |
| 7. $3 \times 800 =$ _____ | 8. $3 \times 200 =$ _____ |
| 9. $6 \times 400 =$ _____ | 10. $8 \times 800 =$ _____ |
| 11. $5 \times 700 =$ _____ | 12. $2 \times 500 =$ _____ |

Mathematical Operations with Changed Symbols

* Means '+' (add); ⊕ means '-' (subtract);
△ means 'x' (multiply); # means '÷' (divide)

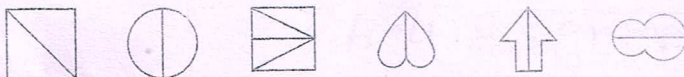
$212 * 715 =$	$999 \oplus 231 =$
$132 \triangle 6 =$	$272 \# 2 =$
$316 * 408 =$	$735 \oplus 115 =$
$128 \triangle 5 =$	$693 \# 3 =$
$125 * 206 * 402 =$	$* 402 =$
$932 \oplus 206 \oplus 407 =$	$\oplus 407 =$
$112 \triangle 2 \triangle 3 =$	$\triangle 3 =$
$996 \# 3 \# 2 =$	$\# 2 =$

- | | |
|-----------------------------|------------------------------|
| 13. $14 \times 300 =$ _____ | 14. $12 \times 600 =$ _____ |
| 15. $11 \times 800 =$ _____ | 16. $20 \times 700 =$ _____ |
| 17. $15 \times 800 =$ _____ | 18. $25 \times 300 =$ _____ |
| 19. $16 \times 500 =$ _____ | 20. $14 \times 700 =$ _____ |
| 21. $16 \times 400 =$ _____ | 22. $20 \times 300 =$ _____ |
| 23. $40 \times 600 =$ _____ | 24. $251 \times 100 =$ _____ |

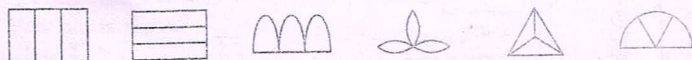
chap - 16, 17, 18, 19

Fractions - 1

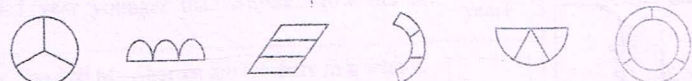
1. Shade $\frac{1}{2}$ of each.



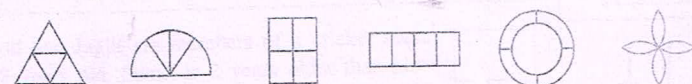
2. Shade $\frac{1}{3}$ of each.



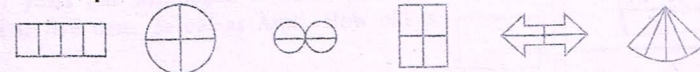
3. Shade $\frac{2}{3}$ of each.



4. Shade $\frac{1}{4}$ of each.



5. Shade $\frac{3}{4}$ of each.



Smallest Numbers-2

5, 2, 1

Greatest

Th H T O

Smallest

Th H T O

6, 5, 4 and 8

Greatest

Th H T O

Smallest

Th H T O

6, 2, 4 and 8

Greatest

Th H T O

Smallest

Th H T O

1, 8, 3 and 9

Greatest

Th H T O

Smallest

Th H T O

7, 2, 1 and 5

Greatest

Th H T O

Smallest

Th H T O

1, 3, 7 and 9

Greatest

Th H T O

Smallest

Th H T O

2, 1, 7 and 8

Greatest

Th H T O

Smallest

Th H T O

5, 4, 9 and 3

Greatest

Th H T O

Smallest

Th H T O

2, 5, 9 and 7

Greatest

Th H T O

Smallest

Th H T O

4, 5, 6 and 2

Greatest

Th H T O

Smallest

Th H T O

6, 5, 0 and 8

Greatest

Th H T O

Smallest

Th H T O

6, 0, 4 and 8

Greatest

Th H T O

Smallest

Th H T O

1, 0, 3 and 9

Greatest

Th H T O

Smallest

Th H T O

3, 0, 4 and 8

Greatest

Th H T O

Smallest

Th H T O

7, 2, 0 and 5

Greatest

Th H T O

Smallest

Th H T O

1, 3, 0 and 9

Greatest

Th H T O

Smallest

Th H T O

0, 1, 7 and 8

Greatest

Th H T O

Smallest

Th H T O

7, 3, 2 and 9

Greatest

Th H T O

Smallest

Th H T O

5, 4, 9 and 8

Greatest

Th H T O

Smallest

Th H T O

2, 5, 9 and 8

Greatest

Th H T O

Smallest

Th H T O

4, 0, 6 and 8

Greatest

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Smallest

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