

3 – digit Numbers

1) Complete :

- a) 100 , 200 , 300 , , , ,
b) 0 , 200 , , ,
c) 100 , 300 ,
d) 4 ten + 6 ten =ten
e) 2 ten + 8 ten =ten
f)ten + 5 ten = 10 ten
g) 3 ten + = 10 ten
h) 5 hundreds + 2 hundreds =
i) 4 hundreds + = 7 hundreds
j) + 4 hundreds = 9 hundreds

2) read and write in words: -

- a- 100 = b- 500 =
c- 900 = d- 600 =
e- 400 = f- 700 =

3) Complete : -

- a) The numbers between 660 and 670 are :-
.....
b) The numbers between 345 and 352 are : -
.....
c) 10 more than 60 is

Unit, Tens and Hundreds

1) read and write in words

751 Seven hundred fifty one

214 _____

652 _____

781 _____

891 _____

473 _____

391 _____

185 _____

364 _____

852 _____

285 _____

369 _____

941 _____

346 _____

751 _____

627 _____

168 _____

951 _____

6) Complete as shown in the example:

a) $538 = 5 \text{ Hundreds, } 3 \text{ Tens, } 8 \text{ Units.}$

b) $624 = \text{ — Hundreds, — Tens, — Units.}$

c) $908 = \text{ — Hundreds, — Tens, — Units.}$

e) $670 = \text{ — Hundreds, — Tens, — Units.}$

7) Find the place value of 4 in the following number :

742



724



492



8) Find the value of 7 in the following number :

379



157



472



9) Choose the correct answer :-

a) The greatest number formed from (2, 5, 3) is:

(352 or 325 or 352 or 235 or 253 or 532 or 523)

b) The greatest number formed from (3, 2, 0) is:

(320 or 230 or 203 or 302)

c) the smallest number formed from (4, 5, 2) is :

(452 or 254 or 542 or 245)

d) the smallest number formed from (6 , 0 , 3) is :

(306 or 63 or 360 or 36)

5) Complete:

	Hundreds	Tens	Units
a)	—	—	—
b)	—	—	—
c)	8	2	5
d)	—	—	—
e)	—	—	—

$$= 9 + 40 + 600 = \text{—}$$

$$= \text{—} + \text{—} + \text{—} = 374$$

$$= \text{—} + \text{—} + \text{—} = \text{—}$$

$$= 7 + 50 + 200 = \text{—}$$

$$= \text{—} + \text{—} + \text{—} = 940$$

3) Complete :-

a) 8 Hundreds, 3 tens, 5 units = $800 + 30 + 5 = 835$

b) 2 Hundreds, 6 tens, 1 units = + + =

c) 7 Hundreds, 0 tens, 6 units = + + =

d) 3 Hundreds, 9 tens, 7 units = + + =

e) 5 Hundreds, 4 tens = + =

f) 6 Hundreds, 2 units = + =

g) 9 Hundreds, 8 tens = + =

4) Complete as shown in the example :

3 Hundreds, 8 Tens, 5 Units = $\boxed{3} \boxed{8} \boxed{5} = 385$

8 Hundreds, 9 Units = $\boxed{} \boxed{} \boxed{} = \text{—}$

5 Hundreds, 4 Tens, 7 Units = $\boxed{} \boxed{} \boxed{} = \text{—}$

6 Hundreds, 8 Units = $\boxed{} \boxed{} \boxed{} = \text{—}$

2) Complete as shown in the example :

The number	Hundreds	Tens	Units
718	7	1	8
523			
694			
	3	4	7
802			

3) Complete as shown in the example then read the number:

The number	Hundreds	Tens	Units	Reading the number
326				Three hundred twenty six
594				_____
	4	0	5	_____
278				_____
	1	7	4	_____

4) Complete in the same sequence:

318	319		321		
	325	335	345		
605	615			645	
800	790			760	

10) Complete:-

- a) Give three numbers between 466 and 476:
{.....,,}
- b) Give three numbers between 245 and 254:
{.....,,}
- c) Give three numbers between 934 and 945:
{.....,,}
- d) Give three numbers between 521 and 527:
{.....,,}
- e) Give three numbers between 384 and 391:
{.....,,}
- f) Give three numbers between 726 and 732:
{.....,,}
- g) Give three numbers between 269 and 277:
{.....,,}

11) Complete:-

In these numbers, the three digits are consecutive:

123 , 234 , , , , , 789.

In these numbers, the three digits are consecutive:

321 , 432 , , , , , 987.

In these numbers, the three digits are equal:

222 , , 444 , , 666 , , 888 ,

12) Complete:-

- 1) The greatest number 2 – digit + 1 =
- 2) The smallest number 2 – digit is
- 3) The greatest number 3 – digit is
- 4) The smallest number 3 – digit is
- 5) The smallest number formed from 2 – digit 8 and 7 is
- 6) 9 hundreds, 4 tens, 6 units =
- 7) H, T, U = 867
- 8) $365 = \dots + \dots + \dots$
- 9) $824 = \dots$ T, H, U
- 10) 4 hundred , 2 U , 3 T =
- 11) 10 Ten = hundred
- 12) $2\text{ H} + \dots = 800$
- 13) tens = 7 hundreds
- 14) tens = hundreds = 300
- 15) 5 hundreds and 5 tens =
- 16) 6 hundreds + 6 units =
- 17) 3 tens + four hundreds + 2 units =
- 18) $400 + 300 = \dots$ tens = hundreds
- 19) The number 100 lies between 101 and
- 20) The number just after 99 is
- 21) is read as two hundreds and twelve
- 22) $200 + 100 + \dots = 600$
- 23) units = 65 tens.
- 24) In the number 863 the value of digit 6 is

Adding Hundreds with re-naming

Example: Find the sum of 527 and 286.

Step 1

ADD UNITS

$$\begin{array}{r} 1 \\ 527 \\ + 286 \\ \hline 3 \end{array}$$

Step 2

ADD TENS

$$\begin{array}{r} 11 \\ 527 \\ + 286 \\ \hline 13 \end{array}$$

Step 3

ADD HUNDREDS

$$\begin{array}{r} 1 \\ 527 \\ + 286 \\ \hline 813 \end{array}$$

Add:-

1. $\begin{array}{r} 742 \\ + 134 \\ \hline \end{array}$

2. $\begin{array}{r} 450 \\ + 539 \\ \hline \end{array}$

3. $\begin{array}{r} 263 \\ + 525 \\ \hline \end{array}$

4. $\begin{array}{r} 281 \\ + 607 \\ \hline \end{array}$

5. $\begin{array}{r} 174 \\ + 605 \\ \hline \end{array}$

6. $\begin{array}{r} 763 \\ + 236 \\ \hline \end{array}$

7. $\begin{array}{r} 104 \\ + 685 \\ \hline \end{array}$

8. $\begin{array}{r} 814 \\ + 175 \\ \hline \end{array}$

9. $\begin{array}{r} 238 \\ + 361 \\ \hline \end{array}$

10. $\begin{array}{r} 234 \\ + 750 \\ \hline \end{array}$

11. $\begin{array}{r} 275 \\ + 322 \\ \hline \end{array}$

12. $\begin{array}{r} 234 \\ + 155 \\ \hline \end{array}$

13. $\begin{array}{r} 491 \\ + 207 \\ \hline \end{array}$

14. $\begin{array}{r} 358 \\ + 631 \\ \hline \end{array}$

15. $\begin{array}{r} 745 \\ + 134 \\ \hline \end{array}$

16. $\begin{array}{r} 765 \\ + 104 \\ \hline \end{array}$

17. $\begin{array}{r} 220 \\ + 527 \\ \hline \end{array}$

18. $\begin{array}{r} 260 \\ + 519 \\ \hline \end{array}$

Subtraction with re-naming

Tens only

Example: subtract 218 from 753.

$$\begin{array}{r} \text{H T U} \\ 753 \\ - 218 \\ \hline \end{array}$$

We cannot take away 8 from 3.

We borrow 1 ten from 5 tens
So, 5 Tens 3 Units = 4 Tens 13 Units

$$\begin{array}{r} \text{H T U} \\ 4 \text{ 13} \\ 753 \\ - 218 \\ \hline 535 \end{array}$$

Subtract

1.
$$\begin{array}{r} 961 \\ - 137 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 842 \\ - 729 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 674 \\ - 346 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 586 \\ - 458 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 495 \\ - 266 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 337 \\ - 118 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 758 \\ - 629 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 463 \\ - 344 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 726 \\ - 517 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 974 \\ - 439 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 642 \\ - 528 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 581 \\ - 256 \\ \hline \end{array}$$

13. $443 - 119 = \dots\dots$

14. $732 - 119 = \dots\dots$

15. $985 - 619 = \dots\dots$

16. $493 - 238 = \dots\dots$

17. $881 - 466 = \dots\dots$

18. $554 - 346 = \dots\dots$

4) Find the result :-

a)
$$\begin{array}{r} 623 \\ + 385 \\ \hline \end{array}$$

$$\begin{array}{r} 453 \\ + 239 \\ \hline \end{array}$$

$$\begin{array}{r} 509 \\ + 275 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 372 \\ + 256 \\ \hline 115 \end{array}$$

$$\begin{array}{r} 235 \\ + 125 \\ \hline 379 \end{array}$$

$$\begin{array}{r} 378 \\ + 425 \\ \hline 547 \end{array}$$

c) $784 + 39 = \dots\dots\dots$

d) $436 + 2 + 14 = \dots\dots\dots$

e) $328 + 494 = \dots\dots\dots$

⊗ Find the sum of the numbers 325 and 126,
and the sum of the numbers 165 and 256,
then find the sum of the two results.

The sum of the first numbers =

The sum of the second numbers =

The sum of the two results =

5) Circle the closest number :-

a) $453 + 249$ (600 , 700 , 800)

b) $346 + 232$ (500 , 400 , 600)

c) $106 + 315$ (300 , 400 , 500)

d) $294 + 466$ (500 , 600 , 700)

1. Add:-

$523 + 359 = \dots$

$351 + 443 = \dots$

$136 + 312 = \dots$

$317 + 143 = \dots$

$398 + 401 = \dots$

$512 + 376 = \dots$

$234 + 523 = \dots$

$348 + 234 = \dots$

$224 + 629 = \dots$

2. Add:-

$\begin{array}{r} 344 \\ + 216 \\ \hline \end{array}$	$\begin{array}{r} 636 \\ + 172 \\ \hline \end{array}$	$\begin{array}{r} 476 \\ + 282 \\ \hline \end{array}$	$\begin{array}{r} 437 \\ + 314 \\ \hline \end{array}$	$\begin{array}{r} 325 \\ + 514 \\ \hline \end{array}$
$\begin{array}{r} 609 \\ + 142 \\ \hline \end{array}$	$\begin{array}{r} 561 \\ + 263 \\ \hline \end{array}$	$\begin{array}{r} 457 \\ + 434 \\ \hline \end{array}$	$\begin{array}{r} 193 \\ + 132 \\ \hline \end{array}$	$\begin{array}{r} 248 \\ + 355 \\ \hline \end{array}$
$\begin{array}{r} 577 \\ + 413 \\ \hline \end{array}$	$\begin{array}{r} 344 \\ + 518 \\ \hline \end{array}$	$\begin{array}{r} 125 \\ + 648 \\ \hline \end{array}$	$\begin{array}{r} 274 \\ + 155 \\ \hline \end{array}$	$\begin{array}{r} 601 \\ + 379 \\ \hline \end{array}$

3) Complete:-

$337 + \dots = 549$

$282 + \dots = 992$

$114 + \dots = 489$

$\dots + 114 = 646$

$\dots + 261 = 662$

$\dots + 213 = 679$

$462 + \dots = 887$

$337 + \dots = 759$

$452 + \dots = 563$

Zeroes in subtraction

Example: Find

$$\begin{array}{r} 600 \\ - 174 \\ \hline ?? \end{array}$$

We can't subtract units
and can't borrow tens.

Step 1 We borrow 1 hundred: $6 \text{ H } 0 \text{ T} = 5 \text{ H } 10 \text{ T}$

Step 2 We borrow 1 ten: $10 \text{ T } 0 \text{ U} = 9 \text{ T } 10 \text{ U}$

Step 3 We Subtract:

$$\begin{array}{r} 9 \text{ T } 10 \text{ U} \\ 5 \text{ T } 10 \text{ U} \\ 600 \\ - 174 \\ \hline 426 \end{array}$$

We can do steps 1 and 2 in one step: $6 \text{ H} = 5 \text{ H } 9 \text{ T } 10 \text{ U}$

$$\begin{array}{r} 4 \text{ T } 9 \text{ U} \\ 600 \\ - 174 \\ \hline 426 \end{array}$$

Subtract

1.
$$\begin{array}{r} 600 \\ - 463 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 900 \\ - 386 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 800 \\ - 458 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 700 \\ - 123 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 300 \\ - 235 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 400 \\ - 391 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 200 \\ - 164 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 900 \\ - 781 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 800 \\ - 639 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 600 \\ - 357 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 700 \\ - 412 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 400 \\ - 249 \\ \hline \end{array}$$

Subtraction with re-naming Hundreds for tens and units

Example: Find $741 - 368$



We can't subtract units
and can't subtract tens.

Step 1 we borrow 1 ten
Then subtract units:
 $14\text{ T } 6\text{ U} = 13\text{ T } 16\text{ U}$

$$\begin{array}{r} 316 \\ 546 \\ - 279 \\ \hline 7 \end{array}$$

Step 2 we borrow 1 hundred
then subtract:
 $5\text{ H } 3\text{ T} = 4\text{ H } 13\text{ T}$

$$\begin{array}{r} 413 \\ 316 \\ 546 \\ - 279 \\ \hline 267 \end{array}$$

Subtract:

1. $\begin{array}{r} 823 \\ - 269 \\ \hline \end{array}$

2. $\begin{array}{r} 732 \\ - 458 \\ \hline \end{array}$

3. $\begin{array}{r} 941 \\ - 694 \\ \hline \end{array}$

4. $\begin{array}{r} 775 \\ - 289 \\ \hline \end{array}$

5. $\begin{array}{r} 526 \\ - 377 \\ \hline \end{array}$

6. $\begin{array}{r} 813 \\ - 584 \\ \hline \end{array}$

7. $\begin{array}{r} 935 \\ - 658 \\ \hline \end{array}$

8. $\begin{array}{r} 647 \\ - 468 \\ \hline \end{array}$

9. $\begin{array}{r} 353 \\ - 287 \\ \hline \end{array}$

10. $\begin{array}{r} 656 \\ - 487 \\ \hline \end{array}$

Subtraction with re-naming Hundreds only

Example: subtract 165 from 947.

H T U

$$\begin{array}{r} 947 \\ -165 \\ \hline 2 \end{array}$$

We cannot take away 6 from 4

→
We borrow 1 H from 9 H
So, 9 H 4 T = 8 H 14 T

H T U

$$\begin{array}{r} 814 \\ 947 \\ -165 \\ \hline 782 \end{array}$$

Subtract:

1. $\begin{array}{r} 829 \\ -361 \\ \hline \end{array}$

2. $\begin{array}{r} 539 \\ -448 \\ \hline \end{array}$

3. $\begin{array}{r} 987 \\ -695 \\ \hline \end{array}$

4. $\begin{array}{r} 714 \\ -272 \\ \hline \end{array}$

5. $\begin{array}{r} 623 \\ -462 \\ \hline \end{array}$

6. $\begin{array}{r} 758 \\ -294 \\ \hline \end{array}$

7. $\begin{array}{r} 649 \\ -562 \\ \hline \end{array}$

8. $\begin{array}{r} 935 \\ -772 \\ \hline \end{array}$

9. $\begin{array}{r} 648 \\ -553 \\ \hline \end{array}$

10. $\begin{array}{r} 817 \\ -362 \\ \hline \end{array}$

11. $\begin{array}{r} 226 \\ -183 \\ \hline \end{array}$

12. $\begin{array}{r} 839 \\ -596 \\ \hline \end{array}$

13.) $532 - 291 = \dots\dots$

14.) $779 - 493 = \dots\dots\dots$

15.) $868 - 174 = \dots\dots$







16.) $619 - 592 = \dots\dots\dots$

17.) $728 - 397 = \dots\dots$

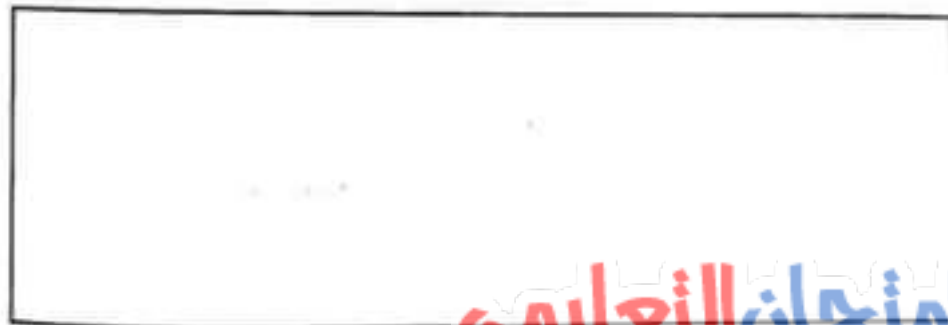
18.) $937 - 173 = \dots\dots$

The polygon

1) Notice the following shapes , then complete : -

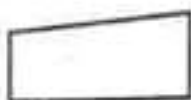
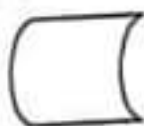
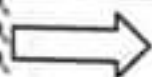
The shape	Number of vertices	Number of sides
	4	4
		
		
		
		
		

2) Draw a polygon having 7 sides : -



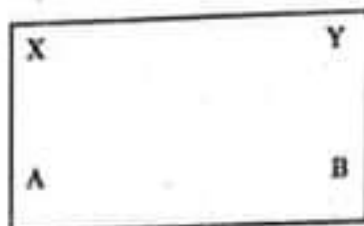
Straight line, line segment and the ray

1) Write the number of line segments which determine each figure in each of the following :-



2) Draw a straight line passing through :-

- a) the two points X and Y
- b) the two points A and Y
- c) the two points A and B



3) Write the name of the following figures :-



(.....)



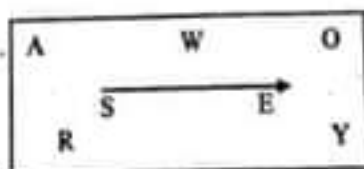
(.....)



(.....)

4) Complete :-

- a) the starting point of the ray is.....
- b) the point which lies on the ray is
- c) the point which is not on the ray are



Open curves and closed curves

1) write open curve or closed curve as in number :-



(.....) (.....) (.....) (.....)

2) put (✓) inside every closed curve :-



3) Draw a closed curve around every 3 stars and answer the questions :-



a) How many closed curves did you draw ?

.....

b) How many stars remained outside the closed curves ?

.....

The Meter and the Centimeter

Example: -

1 meter = 100 Centimeter

1) Complete: -

a) 300 cm =m

b) 400cm =m

c) 800cm =m

d) 600cm =m

e) 900cm =m

Example: -

1 meter and 75 centimeters = $100 + 75 = 175$ centimeters

2) Complete: -

a) 2m and 25cm =cm

b) 4m and 87cm =cm

c) 5m and 45 cm =cm

d) 3m and 6cm =cm

e) 8m and 12cm =cm



f) 5cm and 6m =cm

g) 98cm and 3m =cm

3) What is the name of the solid : -

- a) Whose faces are all squares ?
- b) Whose faces are all triangles ?
- c) Whose faces are all rectangles ?
- d) That has 2 bases in the form of a triangle ?
- e) That has 1 circular base and 1 vertex ?
- f) That has 2 circular bases ?

2) Complete : -

- a) The cube has Faces, each face in the form of
- b) The base of cone in the form of
- c) The cylinder haseach one in the form of circle
- d) The shape  is called
- e) The shape  is called
- f) The Triangular prism has Faces






The solids and the shapes

1) choose and write the correct name under each shape or solid :-

Square	triangle	cylinder	rectangle	circle	cube	cuboid	pyramid	cone
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2) Complete :-

solids	name	vertices	edges	Bases
				
				
				
				
				

Example: -

760 Centimeters = 7 meters and 60 centimeters

3) Complete :-

a) 340cm =m andcm.

b) 765cm =m andcm

c) 509cm =m andcm

d) 349cm =m andcm

e) 456cm =m andcm

f) 509cm =m andcm

g) 870cm =m andcm

h) 970cm =m andcm

4) join the equal length :-

150cm

6m and 50cm

450cm

1m and 50cm

525cm

4m and 25cm

650cm

5m and 25cm

425cm

4m and

The Meter and the Centimeter

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150cm

6m and 50cm

450cm

1m and 50cm

525cm

4m and 25cm

650cm

5m and 25cm

425cm

4m and

Test

1) Find the result of the following :-

a) $482 + 210 = \dots\dots\dots$

b) $596 - 134 = \dots\dots\dots$

c) $845 - 179 = \dots\dots\dots$

c) $543 + 190 = \dots\dots\dots$

2) Complete :-


a) 5 hundreds, 3 tens and 2 units =

b) The name of the figure  is

c) The greatest number formed from the digits 9, 0 and 2 is

d) $791 = 1 + \dots\dots\dots + \dots\dots\dots$

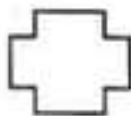
e) $7\text{ m} = \dots\dots\dots\text{cm}$

c) The figure  is called

f) The value of 7 in the number 754 is

g) $6\text{ m and }20\text{ cm} = \dots\dots\dots\text{cm}$

3) Write the number of line segments of the following figures :-



4) Hoda bought a toy for 18 pounds and another one for 12 pounds
How much money did she pay?

5) Put (✓) inside the congruent ones :-



5) Put ($<$, $>$ or $=$) :-

a) 3 m

2 m and 75 cm

b) 5 m and 20 cm

520 cm

c) 475 cm

6 m

d) 3 m and 3 cm

303 cm

e) 4 m and 70 cm

7 m and 40 cm

f) 6 m and 17 cm

174 cm

g) 2 m and 5 cm

250 cm

6) Arrange in an ascending and descending order :-

a) 27 cm , 90 cm , 5 cm and 4 m

Ascending order =

Descending order =

b) 171 cm , 7 m , 205 cm and 820 cm

Ascending order =

Descending order =

c) 7 m , 107 cm , 543 cm , 540 cm and 9 m

Ascending order =

Descending order =