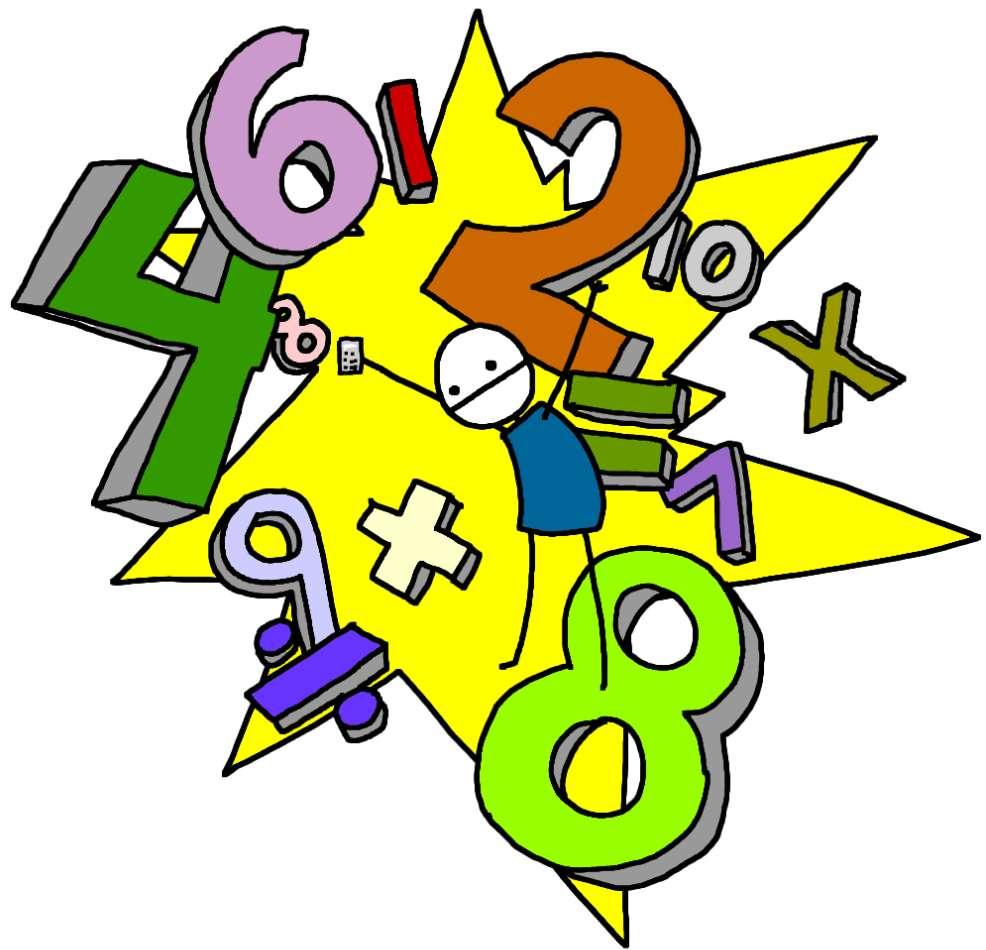


GIVE AND TAKE



Regrouping of Numbers

Think:

I have 1 ten and 4 ones. I want to add 7 ones.

Workmat	
Tens	Ones
	  

Do I need to regroup?

Think:

I know that $4 + 7$ is 11, so I can make a ten.

Workmat	
Tens	Ones
 	  

Workmat	
Tens	Ones
 	

2 tens 1 one = 21

Addition of 3 digit numbers (with carry over)

FIND THE SUM:-

H T O

$$\begin{array}{r} \text{1} \quad \text{1} \\ \text{4} \quad \text{8} \quad \text{6} \\ + \text{3} \quad \text{4} \quad \text{5} \\ \hline \text{8} \quad \text{3} \quad \text{1} \end{array}$$

STEP 1: First add the ones. $6+5=11$ ones.

Write 1 under ones column and carry 1 tens to the tens column.

Step 2: Next add the tens.

$$8+4+1=13$$

Write 3 under tens column and carry 1 hundred to the hundreds column.

Step 3: now add the hundreds. $4+3+1=8$ hundreds.

SUBTRACTING 3 DIGIT NUMBER

- Subtract 403 from 968 **Step 1:** write three numbers one below the other as shown.

Step 2: First subtract the ones, i.e.

$8-3=5$ ones. Write 5 under ones column.

H T O

9 6 8

- 4 0 3

5 6 5

Step 2: Next subtract the tens, i.e. $6-0=6$

Write 6 under tens column.

Step 3: Now subtract the hundreds, i.e.

$9-4=5$. Write 5 under hundreds column.

Thus, the difference is 565

Subtracting numbers (with carry over)

Subtract 376
from 864

Solution

H	T	O
7	15	14
8	6	4
-3	7	6
4	8	8

Step 1: Since we cannot subtract 6 ones from 4 ones. So borrowing from tens is needed. So, borrow 1 ten,

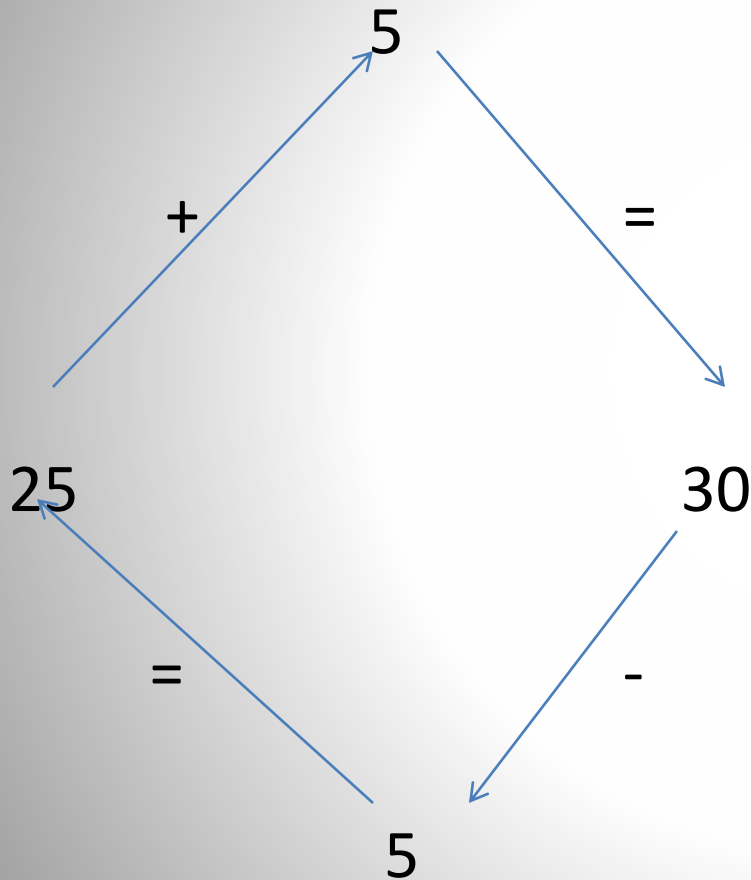
1ten+ 4 ones = 14 ones. Now subtract the ones, $14-6 = 8$ ones.

Step 2: In tens column, we are left with 5tens 1 and subtraction of 7tens is not possible from 5tens. so, again by borrowing 1 hundreds, 1 hundreds + 5tens=15 tens. Now $15\text{tens}-7\text{tens}= 8\text{tens}$.

Step3: In hundreds column, we are left with 7 hundreds- 3 hundreds= 4 hundreds

Hence, the difference is 488.

RELATION BETWEEN ADDITION AND SUBTRACTION



Addition and subtraction are related.

They are inverse operations.

Fill in the blanks:

a) $35 + 5 = 40$
 $40 - 5 = \underline{\quad}$

b) $76 + 4 = 80$
 $80 - 4 = \underline{\quad}$

Try out:

a) 11 more than 31 is ____.

b) 10 and 40 more is ____.

c) $62 + 13 =$ ____.

d) $53 - 20 =$ ____.

e) 11 less than 66 is ____.

FIND OUT

1. Sonu bought 80 Frootis on his birthday.
26 of them were used up.
How many Frootis were left?



2. In a shop, there are 30 green kites
and 65 red kites. How many total kites
are there?



RECAP

Fill in the blanks:

- a) $33 + 56 = \underline{\hspace{2cm}}$
- b) 20 more than 45 $\underline{\hspace{2cm}}$
- c) $15 - 7 = \underline{\hspace{2cm}}$
- d) take out 10 from 67
 $\underline{\hspace{2cm}}$
- e) $12 + 13 = \underline{\hspace{2cm}}$

- Write in columns and add:-

- a) $346 + 456 = \underline{\hspace{2cm}}$
- b) $783 + 478 = \underline{\hspace{2cm}}$

Write in columns and subtract:-

- a) 276 from 834
- b) 498 from 935