5 USING ADDITION AND SUBTRACTION
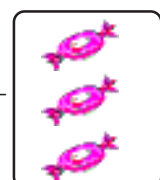
Kittu feels that addition and subtraction are related. Can you help Kittu solve the following problems.
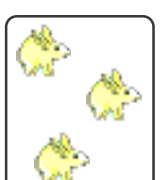
| 3 | + | 4 | = | 7 | | 7 – 3 | = | 4 |

| | + | | = | | | | = | |

| | + | | = | | | | = | |

Here kittu subtracts first and then adds.

$$5 - 2 \quad = \quad 3 \qquad 2 \quad + \quad 3 \quad = \quad 5$$

[ ] = [ ]   [ ] + [ ] = [ ]

[ ] = [ ]   [ ] + [ ] = [ ]
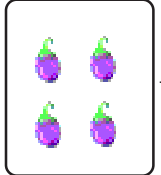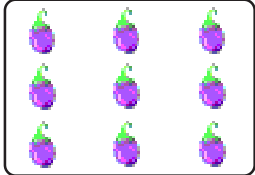
Try These

1. Read the example. Write correct number in the ◯.

Example :

40 + 15 = 40
55 − 15 = 55

(A) 60 + 25 = ◯
85 − 25 = ◯

(B) 120 + 40 = ◯
160 − 40 = ◯

(C) 95 + 130 → 35 = ○ ○

(D) 220 + 360 → 140 = ○ ○
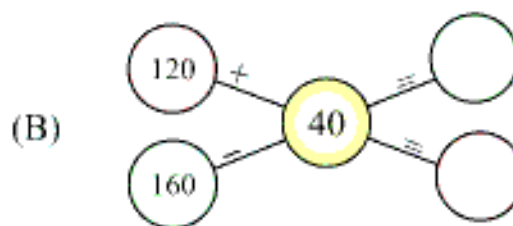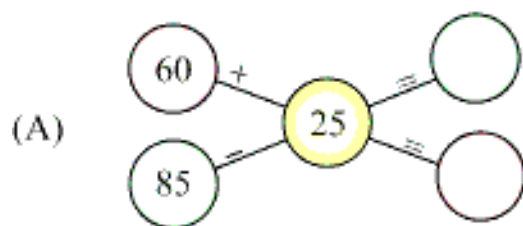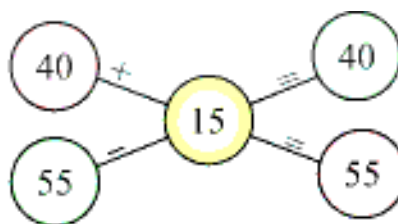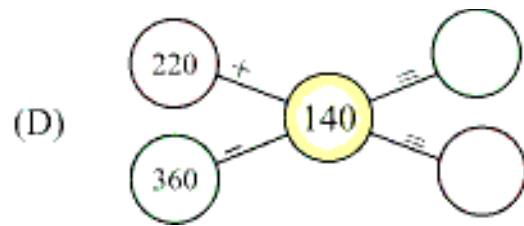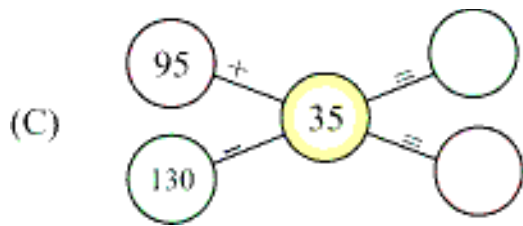
2. Check your answer yourself.

Pinky solved the problems given below. Geetha verified them as given below. Can you to verify the rest of the problems like Geetha.

```
  7  8  →  5  3
- 2  5    + 2  5
_____  _____
  5  3  →  7  8
```

```
  2  6  0  →  2  2  6
-    3  4    +    3  4
_____    _____
  2  2  6  →  2  6  0
```

(A)
```
  5  4  8      □ □ □
- 3  2  6    + □ □ □
_____      □ □ □
  2  2  2
```

(B)
```
  4  6  8      □ □ □
- 1  3  6    + □ □ □
_____      □ □ □
  3  3  2
```

(C)
```
  5  7  6      □ □ □
- 3  2  9      □ □ □
_____      □ □ □
  2  4  7
```

(D)
```
  8  0  4      □ □ □
- 3  2  1      □ □ □
_____      □ □ □
  4  8  3
```

3. Fill the missing digits.

Example :
```
  3  [1]  9
-  1   8  [7]
_____
  1   3   2
```

(A)
```
  □  6  6
-  2  4  8
_____
  2  □  □
```

(B)
```
  9  □  6
-  4  5  2
_____
  □  8  □
```

(C)
```
  5  0  □
-  1  4  3
_____
  2  5  7
```

(D)
```
  7  □  0
-  3  2  □
_____
  4  1  7
```

Do This

1. Look at the number patterns. Fill the missing numbers.

   (A) 100, 200, 300, 400 _____,   _____,   _____,   _____

   (B) 900, 800, 700, _____,   _____,   _____,   300,   _____

   (C) 50, 100, 150, _____,   _____,   _____,   350,   _____

   (D) 650, 600, 550, _____,   _____,   _____,   350,   _____

   (E) 25, 50, 75, 100, _____,   _____,   _____,   _____

   (F) 750, 725, 700, 675, _____,   _____,   _____,   _____

   (G) 800, 790, 780, _____,   _____,   _____,   740,   _____

   (H) 653, 638, 623, _____,   _____,   _____,   _____,   _____

2. Indra has 16 pencils and Keshav has 7 pencils. Who have less? How many less?
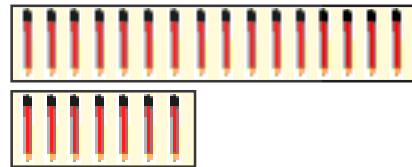
3. Ask a shopkeeper or your parents.

   Price of 1 kg sugar :

   Price of 1 kg salt :

   Which is more costly?

   How much more does it cost?

4. Saleem sells colour charts in the school. In two days he sold some red, blue and white colour charts as given below.

🟧	🟦	⬜

	red	blue	white
Charts sold on first day	30	69	82
Charts sold on second day	49	25	74

Look at the above table and answer the following-

(A) How many red charts did Saleem sell in 2 days?

(B) Did he sell more blue charts than white charts in 2 days?

(C) How many red and blue charts did he sell on the second day? Tick (✓) the right answer.

   More than 100 _____   Less than 100 _____

(D) How many blue and white charts did he sell on the first day? Tick (✓) the right answer.

   More than 150 _____   Less than 150 _____

5. Karuna has ₹ 125. Her mother gave her some more money. Now Karuna has ₹ 275. How much money did Karuna's mother give her?

6. Srujana has some books. Her brother gave her 136 books. Now she has 245 books. How many books did Srujana have at first?

7. In a one-day cricket match, India made 326 runs. Sri Lanka made 179 runs less than India. How many runs did Sri Lanka make?

8. Rajesh has 235 toys. Mahesh has 26 toys more than Rajesh. How many toys does Mahesh have?

9. Aman travelled 320 km in two days. He travelled 175 km on the first day. How many kilometres did he travel on the second day?

Can you make questions of addition and subtraction. ?

Joseph and Riyaz went to a shop. They wanted to buy some articles. They saw the prices on the articles as shown below.

₹ 25   ₹ 17   ₹ 22   ₹ 12

Riyaz bought a toothbrush and a toothpaste. He made his problem like this-

> The cost of a toothbrush is ₹ 17. The cost of toothpaste is ₹ 25. What is the total cost?

Joseph bought a soap and a biscuit packet. He made his problem like this-

> The cost of the soap is ₹ 22. The cost of the biscuit packet is ₹ 12. How much more does the soap cost than the biscuit packet?

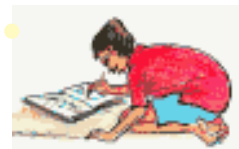## Try These

1. Now you make similar questions with the information given below-

    (A) Make an addition problem

I read 15 books   I read 29 books

(B)   Make an addition problem

I skip 105 times

I skip 92 times

(C)   Make a subtraction problem

65 chairs

19 tickets sold

(D)   Make a subtraction problem

10 birds on tree

2 birds fly away

Discuss in groups and make some more problems of addition and subtraction.