Class: 4

Subject: Mathematics

Chapter: Addition and Subtraction

**Students please watch the following videos attentively before proceeding with the lesson.**

A. Adding 4-digit numbers (without regrouping)

https://youtu.be/kjX8AnOv_Vc

(The above video will help you understand addition without regrouping)

1. 3756 + 1231

2. 3474 + 1214

3. 6207 + 31710

B. Adding 4-digit numbers (with regrouping)

https://youtu.be/8HqkLE-Vhp4

(The above video will help you understand addition with regrouping)

1. 2489 + 1211

2. 5396 + 6725

3. 7113 + 13896

C. Adding large numbers

1. 34902 + 41085

2. 24425 + 54351

3. 21702 + 15096

D. Estimate each sum. Also find the exact sum

https://youtu.be/VoVPQU360Tg

(The above video will help you better under stand the method of estimating by rounding off numbers to the nearest 10, 100 and 1000)

| Question | Rounded Numbers | | Estimated sum | Exact sum |
|---|---|---|---|---|
| 67 + 49 | nearest 10 | | | |
| 462 + 271 | nearest 100 | | | |
| 4290 + 6380 | nearest 1000 | | | |

### E. Subtracting 4-digit numbers (without regrouping)

https://youtu.be/_BXaXY77j3s

((The above video will help you understand subtraction without regrouping)

1. 3327 - 1203

2. 6542 - 3230

3. 8765 - 4321

### F. Subtracting 4-digit numbers (with regrouping)

https://youtu.be/yxwa_GXoXSU

(The above video will help you understand subtraction with regrouping)

1. 7968 - 2786

2. 8564 - 3625

3. 9663 - 4778

### G. Subtracting large numbers

1. 46985 - 4202

2. 54358 - 21425

3. 79221 - 46332

### H. Estimating each difference. Also find the exact difference

| Question | Rounded Numbers | | Estimated sum | Exact sum |
|---|---|---|---|---|
| 71 - 49 | nearest 10 | | | |
| 693 - 411 | nearest 100 | | | |
| 5290 - 3380 | nearest 1000 | | | |

I. Addition and Subtraction together ( solve step wise)

(Tip: First carry out the addition and then from total carry out the subtraction)

1. 4617 + 2415 - 5918

2. 2365 + 1687 - 1979

3. 7315 - 4782 + 1508

J. Solve these word problems

1. Rahul had a collection of 2346 stamps. His sister gave him 1989 more stamps. How many stamps does Rahul have in total?

2. 2670 cars can be parked in a parking lot. On a certain day, 1049 cars were parked there. How many more cars can be parked?

(Note: Children please complete the following exercises from your text book in your exercise copy;

Ex 2.1 D, E 1 to 3

Ex 2.3 D

Ex 2.5 A 1 and 2, B 1 and 2

Ex 2.6 A 1 and 2)

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