

## Four Operations (Part 1)

### Addition and Subtraction Mental calculations

**Activity 1** - Work out the answers to these calculations mentally. Remember the strategies we have spoken about in school: for example, partitioning, rounding and adjusting, and counting on. You can do jottings to help you.

1)  $278 + 200 = \underline{\hspace{2cm}}$

2)  $426 + 330 = \underline{\hspace{2cm}}$

3)  $809 + 640 = \underline{\hspace{2cm}}$

4)  $1297 + 800 = \underline{\hspace{2cm}}$

5)  $6008 + 3400 = \underline{\hspace{2cm}}$

6)  $17\,924 + 4100 = \underline{\hspace{2cm}}$

7)  $506 - 200 = 306$

8)  $782 - 550 = 232$

9)  $1314 - 710 = 604$

10)  $2417 - 900 = 1517$

11)  $8001 - 2800 = 5201$

12)  $21\,773 - 6700 = 15\,073$

Activity 2 - Also, work these out mentally, but try using rounding and adjusting.

1)  $348 + 199 = 547$

2)  $512 + 398 = 910$

3)  $723 + 604 = 1327$

4)  $1226 + 897 = 2123$

5)  $7283 + 3010 = 10\ 293$

6)  $32\ 919 + 9996 = 42\ 915$

7)  $438 - 299 = 139$

8)  $312 - 198 = 114$

9)  $947 - 304 = 643$

10)  $1364 - 697 = 667$

11)  $8772 - 1020 = 7752$

12)  $24\ 713 - 9002 = 15\ 711$

**Activity 3**

Explain how you would add 190 to different numbers?

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How would you subtract 190?

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# Addition and subtraction multi-step problems

Solve the problems below using your knowledge of addition and subtraction. Use the boxes to complete your workings out. You will mostly need to use column addition and column subtraction. If you want a reminder on these methods, you can always look at the [Kingslea Calculation Policy](#) on the website.

1. The prices shown below are the costs of buying these items separately at a fast food restaurant.



95p



£2.45



£1.15

You can buy all three items together in a 'joy meal' for £3.99.

**How much would you save if you bought two 'joy meals'?**

£

2. Ticket prices for a local theme park are shown below.

**one day ticket:** £35.60

**season ticket:** £125

A season ticket lets you go to the theme park as many times as you want in one year. **How many times would you have to go in one year to make the season ticket worth buying?**

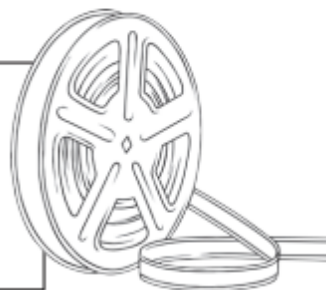
visits

3. Javeen goes to the cinema with her brother, mum and dad.  
The ticket prices are shown below.

**adult ticket:** £12.45

**child ticket:** £7.25

**family ticket** (two adults, two children): £30.00



Javeen's dad buys a family ticket. **How much does he save doing this?**

£

**Challenge:**

4. Here are the viewing figures for two weekend TV shows.

TV Show	Saturday's Viewing Figures	Sunday's Viewing Figures
Dancing on Feet	3 236 874	5 468 698
The Next Big Voice	4 435 497	3 954 384

**Which show had the most viewing figures altogether?  
How many more viewers did it receive?**

