

Present prices

Children will use logic and addition, along with some trial and improvement to solve this problem involving money.

Skills practised:

- Adding amounts of money using expanded and compact addition

Conjecture: *Given differing information about combinations of prices, it is possible to work out individual costs.*

What to do:

Children work individually or in pairs.

Three friends bought presents for their families:

- Ella bought one tin of chocolates and two DVDs. They cost her £17.50
- Max bought two tins of chocolates and one DVD. They cost him £15.50
- Romanie bought two tins of chocolates and two DVDs. What did they cost her?



What will be your strategy to begin this problem?

Will it help to visualise it in some way?

If/when you solve the problem, can you write a clear, step-by-step explanation of how you did it?

HINT: Organising your recording might be useful when testing different amounts of money.

Aim:

- To organise work in a way that supports progress towards a solution

Minimum number of calculations expected

6

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