

16.03.23

WALT problem solve using decimals

Can you have a go at the problem below? It is open ended and can have lots of solutions. How many can you find? **You must find a minimum of 6.**

Use a calculator to check your workings out.

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**Task**

Charlotte went shopping with her saved birthday money. She had £55.50, purchased three items and received £4.90 change.

How much money did Charlotte spend?

What could have the individual prices for each of the purchased items been?

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**Challenge**

If Charlotte purchased one expensive item which cost over 50% of her money and two cheaper items which took up the rest. There was £4.90 change still.

What could the prices of the individual prices be for the three items?