

MODELLED EXAMPLE



<u>I go shopping</u> <u>There is £2 in my purse.</u>



- How many could I buy of <u>the same</u> <u>item</u>? Would I have any change for some items?
- 2) How many <u>different combinations</u> of items could I buy with this money? How much change would I get back?
- 3) What is the <u>least amount of items</u> that I could buy?
- 4) What is the <u>most amount of items</u> that I could buy?

20p

£0.20 £0.50

50p

100p

£1.00

200p

£.2.00

PROBLEM SOLVING (1) I go shopping. There is 20p in my purse. 1) How many could I buy of the same item? Would I have any change for some items? 2) How many <u>different combinations</u> of 5p 10p 2p items could I buy with this money? How much change would I get back? broccoli sweetcorn carrots 3) What is the least amount of items that I could buy? 4) What is the <u>most amount of items</u> that I could buy?

3 BEFORE ME

1p

potato

Use the coins /mats. Use column + to total. Use column - to find change.

4p

onion



PROBLEM SOLVING (2)



<u>I go shopping.</u> <u>There is £1 in my purse.</u>



- How many could I buy of <u>the same</u> <u>item</u>? Would I have any change for some items?
- 2) How many <u>different combinations</u> of items could I buy with this money? How much change would I get back?
- 3) What is the <u>least amount of items</u> that I could buy?
- 4) What is the <u>most amount of items</u> that I could buy?

20p

£0.20 £0.50

50p

100p

£1.00

200p

£2.00

PROBLEM SOLVING (3)



<u>I go shopping.</u> <u>There is £5 in my purse.</u>



- How many could I buy of <u>the same</u> <u>item</u>? Would I have any change for some items?
- 2) How many <u>different combinations</u> of items could I buy with this money? How much change would I get back?
- 3) What is the <u>least amount of items</u> that I could buy?
- 4) What is the <u>most amount of items</u> that I could buy?



DIVE DEEPER

Some talking problems today! Talk about this as a family.

a) Is it better to spend your money or is it better to save your money? Can you give reasons for both?

Reasons for spending money	Reasons for saving money

b) If you had an unlimited (never ending) amount of money, what would you do with it?