

LO: CAN I SOLVE PROBLEMS WITH MONEY?

1. Would you rather have five 50p coins or twelve 20p coins? Explain your answer.



<u>Calculation 1</u>	<u>Calculation 2</u>	<u>Final answer</u>

2. Bob buys some clothes in a half-price sale.

- Jumper £14
- Scarf £7
- Hat £2.50
- T-shirt £6.50



- a. What would the full price of each item be?
- b. How much would he have paid altogether if they were full price?
- c. How much does he pay altogether in the sale?
- d. How much money does he save?

Show your calculations to prove your answers.

3. Dexter buys a teddy bear for £6.00, a board game for £4.00, a CD for £5.50 and a box of chocolates for £2.50. He has some discount vouchers.

He can either get £10.00 off or pay half price for his items. Which voucher would save him more? Explain your thinking and show your calculations.



1. I would rather have five 50 p coins because $50 \times 5 = 250\text{p}$ OR $\text{£}2.50$ but $20 \times 12 = 240\text{p}$ OR $\text{£}2.40$

2. A. $\text{£}14 \times 2 = \text{£}28$ $\text{£}7 \times 2 = \text{£}14$ $\text{£}2.50 \times 2 = \text{£}5$ $\text{£}6.50 \times 2 = \text{£}13$
B. $\text{£}28 + \text{£}14 + \text{£}5 + \text{£}13 = \text{£}60$
C. $\text{£}60 \div 2 = \text{£}30$
D. $\text{£}60 - \text{£}30 = \text{£}30$

3. Total = $\text{£}18$ $\text{£}18 - \text{£}10 = \text{£}8$
1/2 of $\text{£}18 = \text{£}9$
 $\text{£}18 - \text{£}9 = \text{£}9$
The $\text{£}10$ voucher would save more.