

## Pounds and Pence

Below is a price list for the items on sale in the pet shop. Sam and Jane only buy two items each.



Sam

I use no more than 20 coins to buy rabbit food and a hamster cage.



Jane

I only use 12 coins to buy hamster bedding and dog biscuits.

Rabbit food	£4 and 19p
Fish food	£3 and 29p
Dog bed	£7 and 82p
Hamster bedding	£1 and 5p
Cat collar	£5 and 37p
Hamster cage	£6 and 38p
Dog biscuits	£4 and 90p

Investigate which coins they use to buy each of their items. Various answers, for example: Sam could use two £2 coins, one 10p coin, one 5p coin and two 2p coins to buy the rabbit food and six £1 coins, three 10p coins and four 2p coins to buy the hamster cage.

Jane could use one £1 coin, two 2p coins and one 1p coin to buy the hamster bedding and four £1 coins, one 50p, one 20p and two 10p coins to buy the dog biscuits.

Investigate which combinations of items could be bought using the same amount of coins as Jane. Various answers, for example: Cat collar: two £2 coins, one £1 coin, one 20p coin, one 10p coin, one 5p coin and one 2p coin; Dog biscuits: two £2 coins, one 50p coin and two 20p coins.