

# 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.

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



Jane

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.

Investigate which combinations of items could be bought using the same amount of coins as Jane.

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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.**