# Coin Choices: Make the Same Amount

All coins are labelled teaching diagrams of UK values.

## Compare the purses

1. A = 7p; B = 7p. Equal amounts.

2. A = 12p; B = 12p. Equal amounts.

3. A = 15p; B = 15p. Equal amounts.

4. A = 20p; B = 20p. Equal amounts.

## Two ways: examples, not the only answers

12p: 10p + 2p  or  5p + 5p + 2p

15p: 10p + 5p  or  5p + 5p + 5p

20p: 20p  or  10p + 10p

Accept any two different combinations from the coin bank that make the target, using at most four coins in each combination. Coins may repeat; the order alone does not make a new combination.

## 17p with the fewest coins

10p + 5p + 2p = 17p, using 3 coins. No allowed single coin is 17p, and no pair of allowed coins makes 17p.