Coin Choices: Make the Same Amount

A different number of coins can still make the same amount.

Add A and B separately. Circle whether the amounts are equal.

1. Are these amounts equal? Yes / No

A 

A = _____ p

B 

B = _____ p

2. Are these amounts equal? Yes / No

A 

A = _____ p

B 

B = _____ p

3. Are these amounts equal? Yes / No

A 

A = _____ p

B 

B = _____ p

4. Are these amounts equal? Yes / No

A 

A = _____ p

B 

B = _____ p

Schematic coin values: circle size does not show real coin size.

Coin Choices: Find Two Ways

Write a value inside each coin space. Ignore plus signs beside empty spaces.

Coin bank: 1p, 2p, 5p, 10p, 20p. You may repeat a value.

Use at most four coins per way. Leave unused spaces empty.

Make 12p

Way 1 ◯ + ◯ + ◯ + ◯

Way 2 ◯ + ◯ + ◯ + ◯

Make 15p

Way 1 ◯ + ◯ + ◯ + ◯

Way 2 ◯ + ◯ + ◯ + ◯

Make 20p

Way 1 ◯ + ◯ + ◯ + ◯

Way 2 ◯ + ◯ + ◯ + ◯

Challenge: make 17p with the fewest coins.

Write the coin values. How many coins did you use?

Tell an adult why one or two coins cannot make 17p.