Ways to Make 10p

Coin Combinations Worksheet • Ages 6–8 (UK Year 2–3)

Find all 11 ways to make 10p!

Fill each tray below with real coins so it adds up to exactly 10p.
Every tray must be different. Tick each tray off when you have checked it.
Coins: 1p = one penny • 2p = two pence • 5p = five pence • 10p = ten pence

Tray 1		10p
Tray 2		10p
Tray 3		10p
Tray 4		10p
Tray 5		10p
Tray 6		10p
Tray 7		10p
Tray 8		10p
Tray 9		10p
Tray 10		10p
Tray 11		10p

Well done! Count your trays — did you find all 11 ways?

Ways to Make 10p

Coin Combinations Worksheet • Answer Key — for grown-ups

Answer Key — all 11 ways to make 10p

There are exactly 11 ways — no more, no less. Check each tray adds up to 10p.

1. One 10p coin = 10p
2. 5p + 5p = 10p
3. 5p + 2p + 2p + 1p = 10p
4. 5p + 2p + 1p + 1p + 1p = 10p
5. 5p + five 1p coins = 10p
6. Five 2p coins (2p + 2p + 2p + 2p + 2p) = 10p
7. Four 2p coins + two 1p coins = 10p
8. Three 2p coins + four 1p coins = 10p
9. Two 2p coins + six 1p coins = 10p
10. One 2p coin + eight 1p coins = 10p
11. Ten 1p coins = 10p

Coins needed for every tray at once: ten 1p coins, five 2p coins, two 5p coins, one 10p coin.