Y3 NRICH Money Challenges

Adding and subtracting money pence
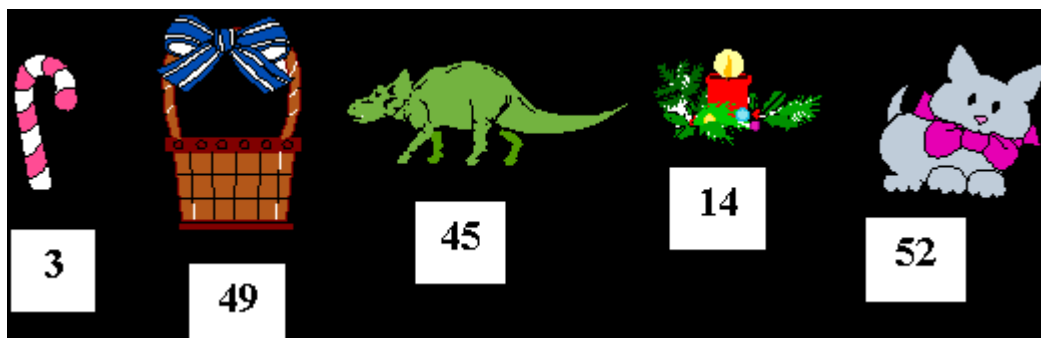
Buying a Balloon

Lolla bought a balloon at the circus. She gave the clown six coins to pay for it.
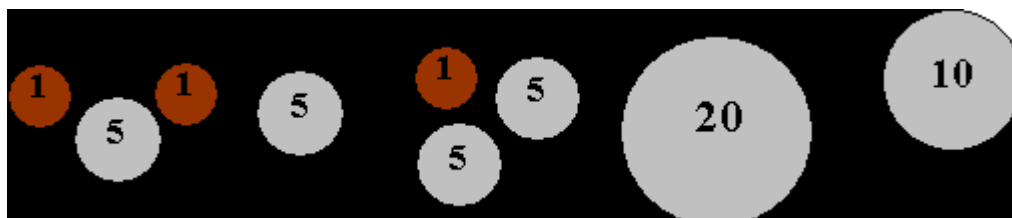
What could Lolla have paid for the balloon?

Which of your answers seems a reasonable amount to pay for a balloon?

Adding money pence

Christmas Shopping

3

49

45

14

52

Vera is shopping at a market with these coins in her purse. Which things could she give exactly the right amount for?

1

5

1

5

1

5

5

20
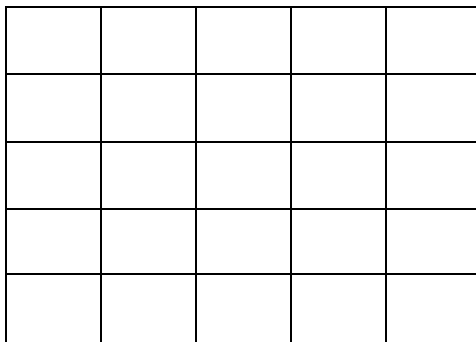
10

Five Coins

Age 7 to 11

Ben has five coins in his pocket.

How much money might he have?

Money Line-up

This is a game for two players. You will need:

- a copy of the board (or you could draw out a five by five grid)
- ideally, five 20p coins, ten 10p coins and five 5p coins per player

How to play:

1. Decide who will go first.
2. Players take turns to put one coin on one of the squares.
3. The winner is the first to make a row (horizontally, vertically or diagonally) of coins which add to 50p.
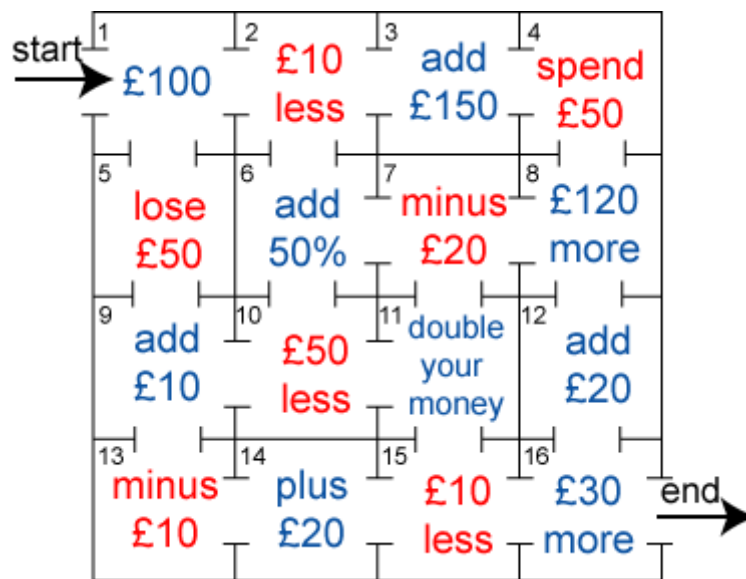
Do you think it is better to go first or second?
Can you find some good ways to try to win the game?

Adding money pence 10s

The Money Maze

Go through the maze, collecting and losing your money as you go. You may not go through any cell more than once, and can only go into a cell through a gap, for example, you may not go from 5 to 6, or from 7 to 3.

Which route gives you the highest return? How much is it?
Which route gives you the lowest return? How much is it?