

Maths Reasoning 13 Hot

Buying a Balloon

Age 7 to 11 ★



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?

The school corridor needs a new carpet.
The corridor is 21.4 m long and 3 m wide.
Each strip of carpet comes in rectangular pieces which measure 3.7 m by 1.5 m.
How many pieces will be needed to carpet the whole corridor?

1,

Hayley, Rebecca and Jack share some marshmallows.

Rebecca has twice as many as Hayley.

Jack has $\frac{3}{10}$ more than Hayley.

They have 86 in total.

How many does each person have?

↳

ANSWERS

1) list of answers which use 6 coins (1p, 2p, 5p, 10p, 20p, 50p, £1, £2)

Smallest amount: 1p \times 6 = 6p

Highest amount £2 \times 6 = £12

1p, 1p, 1p, 1p, 1p, 2p = 7p 1p, 1p, 1p, 1p, 2p, 2p = 8p

2) 12 pieces

3) Hayley 20 Rebecca 40 Jack 26