

Jonathan takes £2.20 with him when he goes shopping.  
He spends some money on cards.  
He now has 80p left.  
How much money did the cards cost?

Jonathan uses an odd number of coins  
to make an amount between £3 and £4.  
Which amount could he have made?  
Find different solutions.

Jonathan has some money in his jar.  
He counts it.  
Jonathan's mum gives him two £5 notes.  
How much money does he have?

Jonathan has some  
money in his jar.  
He counts it.  
How much money  
does he have?

What if...  
...you decide on how many coins and  
notes are in Jonathan's money jar?  
How much money could he have?  
How much money would he need to reach  
an amount that is a multiple of £5?

Jonathan has some money in his jar.  
He counts it.  
How much money does he have?  
Jonathan's mum gives him two £5 notes.  
How much money does he have now?

Jonathan is given £4 every week for doing jobs.  
He says that in one year from now, he will have over £200.  
Is he correct?  
Explain how you know.

## CARD 12

Money, +/- x  
odd numbers,  
time

Simple

More  
steps

Instructions  
left out

Explain

Finding all  
possibilities

Less straight  
forward

What  
if...

$$£2.20 - ? = 80p$$

$$£2.20 - 80p = £1.40$$

$$£1.40 + 80p = £2.20$$

The cards cost £1.40.

e.g.

$$£1 + £1 + £1 + 20p + 20p = £3.40$$

$$£1 + £1 + £1 + 50p + 20p + 20p + 1p = £3.91$$

$$£1 + £1 + 50p + 50p + 1p = £3.01$$

etc.

He has £5.51.

One possible approach...

Jonathan has one note, 2 silver coins and 2 copper coins in his jar.

He could have a £10 note, a 20p and a 10p, a 2p and a 1p. This would total £10.33.

To reach the amount that is the next multiple of 5 (£15), he would need £4.67.

He has £5.51.

$$2 \times £5 = £10$$

$$£5.51 + £10 = £15.51$$

He now has £15.51.

He is right.

There are 52 weeks in one year.

$$52 \times 4 \text{ (or } 4 \times 52) = £208 \text{ so he will have over } £200 \text{ in one year.}$$

He has £5.51.

$$2 \times £5 = £10$$

$$£5.51 + £10 = £15.51$$

He now has £15.51.