Answers:

1. <
2. =
3. >
4. <
5. <
6. =

Starter: <u>Fact families</u>

For the starter, I am going to give you a calculation. I would then like you to answer it and use that calculation to find the other facts within that family. Remember you use the same numbers in the calculation but you need to think carefully about what order they go in to make the statement correct!

For example:

Remember addition and multiplication are both 'commutative' which means if you swap the first two numbers in the calculation around you will get the same answer!

3 x 6 = 18

6 x 3 = 18

18 ÷ 6 = 3

18 ÷ 3 = 6

125 + 25 = 150

25 + 125 = 150

150 – 25 = 125

150 – 125 = 25

1. 4 x 3 =

2. 10 x 7 =

3. 44 ÷ 11 =

4. 230 + 70 =

5. 500 – 35 =

6. 24 ÷ 12 =

Today, we are going to be converting pounds to pence. It's really important you remember there are 100 pence in £1! You will also need the skill of x and ÷ by 100 to help you convert. Your times tables will help you too. You can see why I always say other maths skills help you in other areas now can't you!

Also, it might help you to think that anything past the tens column (hundreds or more) is pounds and the tens and ones is the pence!

1 Which of these sets of coins make £1?

2 How much money does Holly have?

Holly has £ [ ] and [ ] p.

£2

£1

Key ● 1p ✱ 2p ● 5p ● 10p ● 20p ● 50p ● £1 ● £2

Converting pounds and pence

1 Tick the sets of coins that make £1.

a)

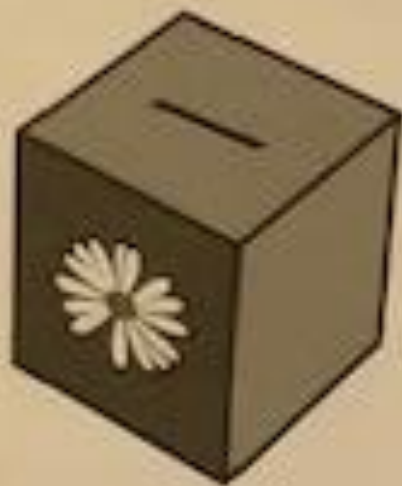☐

b)

☐

c)

☐

d)

☐

2 How much money was in the money box?

There was ⬚ p in the money box.

This is the same as £ ⬚ and ⬚ p.

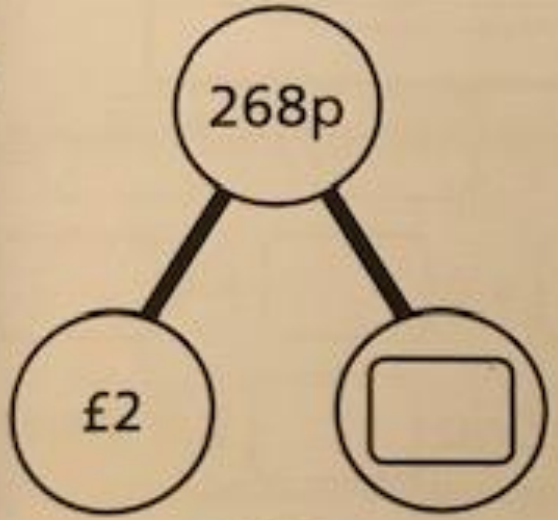**3** Work out how much money each child has.

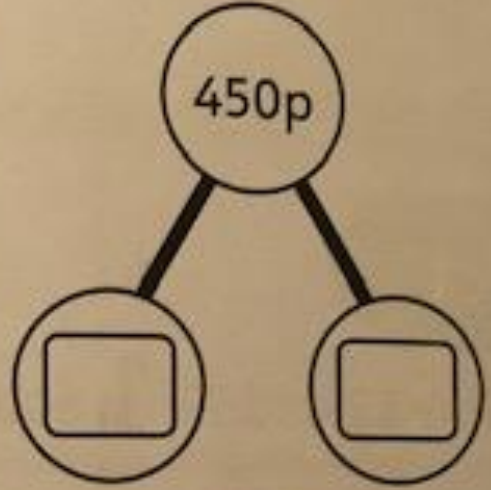a)

Ambika has £ ⬚ and ⬚ p.

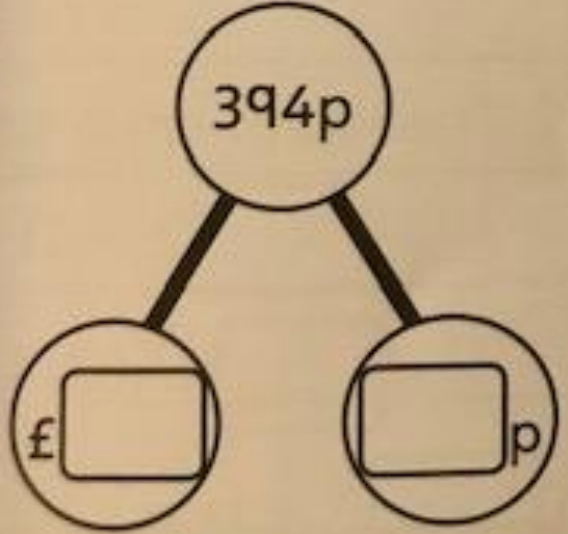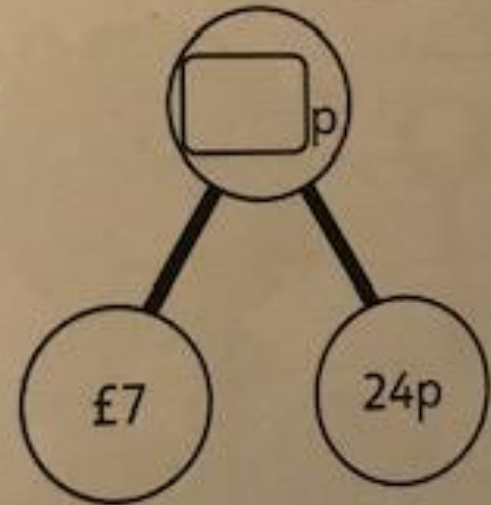b)

Max has £ ⬚ and ⬚ p.

4 Complete the part-whole models.

a)

268p
£2   [   ]

b)

394p
£[   ]   [   ]p

c)

450p
[   ]   [   ]

d)

[   ]p
£7   24p

5 Complete the following sentences.

a) 350p = £3 and ☐ p

b) 429p = £ ☐ and ☐ p

c) 504p = £ ☐ and ☐ p

d) ☐ p = £1 and 85p

e) ☐ p = £3 and 8p

f) 4 ☐ p = £ ☐ and 48p

g) 1,870p = £ ☐ and ☐ p

6 Complete the table to show how many of each coin make £3.

CHALLENGE

Coin	Number of coins needed to make £3
£1	3
50p	
20p	
10p	
5p	
2p	
1p	300

Challenge question:

3 Mr Jones has some bags of coins from the bank.

CHALLENGE

10p coins — £5

20p coins — £5

5p coins — £5

2p coins — £1

How many coins are in each bag?

I used plastic coins and counted up in 2s, 5s, 10s and 20s until I made the amount in the bag.

I wonder if I can work out how many of each coin there are in £1 and then multiply.

£5   £10   £20   £50

→ Practice book 3B p54
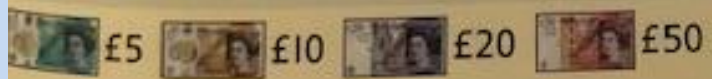
Extension: Answer these problem solving and reasoning questions about converting pounds to pence.

Dexter has 202 pence.

He has **one** pound coin.

Show five possible combinations of other coins he may have.

Whitney thinks that she has £10 and 3p.
Is she correct?

Explain your answer.

Dora thinks there is more than £5 but less than £6
Is Dora correct?

Convince me.