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This tells you which page you need.



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Answers to Practice questions

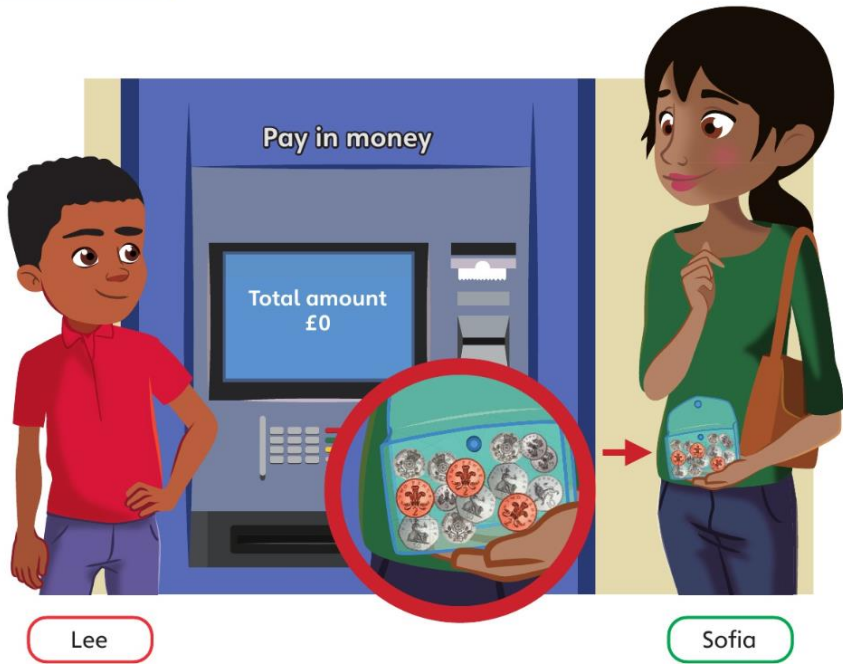
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The first page of a lesson is a maths problem. Don't look at the next page until you have had a go! The third and fourth pages give you practice, so you can check your understanding.



Converting pounds and pence

Discover



- 1 a) How much money does Sofia put into the machine?
- b) Lee puts in £1 with some silver coins. They are all the same. What could he have put in?

Share

I put coins that make £1 together first. Then I counted the coins left over. There are different ways you can make £1.

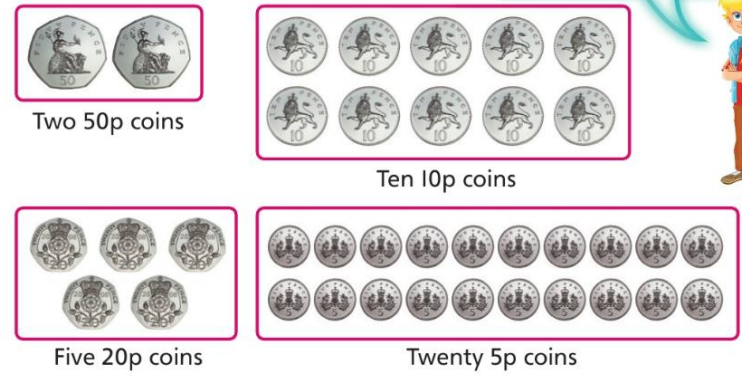
a) There are 100 pence in a pound.



Sofia puts £2 and 61p into the machine.

b) Lee could have put these coins in:


I worked out how many coins made £1 for each of the silver coins.



Lesson 1

Converting pounds and pence

1 Tick the sets of coins that make £1.

a) 

c) 

b) 

d) 

2 How much money was in the money box?




There was p in the money box.

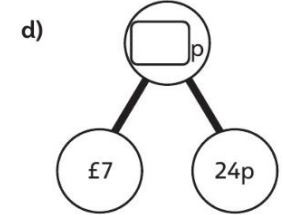
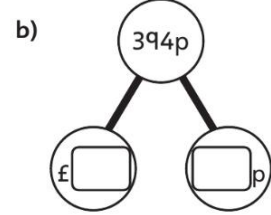
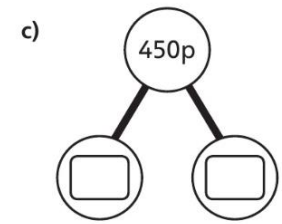
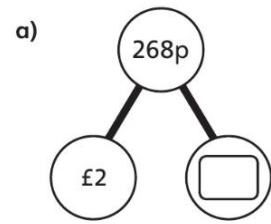
This is the same as £ and p.

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. 



Lesson 2

Adding money

Discover

Can I have a cup of tea and a slice of cake, please?

Tea – £1 and 20p	Toastie – £2 and 80p
Small coffee – £1 and 80p	Slice of cake – £2 and 32p
Large coffee – £2 and 20p	Strawberry tart – £3 and 58p
Juice – £1 and 45p	
Water – 79p	



Sofia

Lee

- 1 a) How much do the tea and cake cost Sofia in total?
- b) Lee wants juice and a toastie.
How much does this cost him in total?

Share

I made each amount with coins and added them together.



- a) A cup of tea costs £1 and 20p.
A slice of cake costs £2 and 32p.



£1 and 20p + £2 and 32p = £3 and 52p



Add the pounds first: £1 + £2 = £3
Then add the pence: 20p + 32p = 52p
The tea and cake cost Sophia £3 and 52p in total.

- b) £1 and 45p = 145p
£2 and 80p = 280p

	H	T	O
	1	4	5
+	2	8	0
	4	2	5
	—	—	—

I changed each amount to pence and then did a column addition.



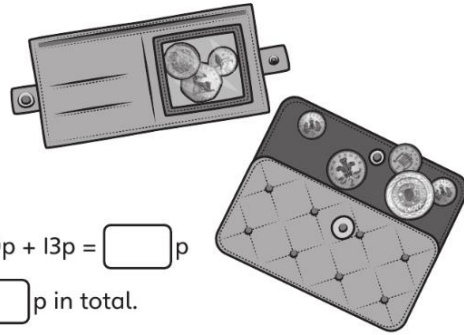
425p is the same as £4 and 25p.
The juice and toastie cost Lee £4 and 25p in total.

Lesson 2

Adding money

1 How much money in total?

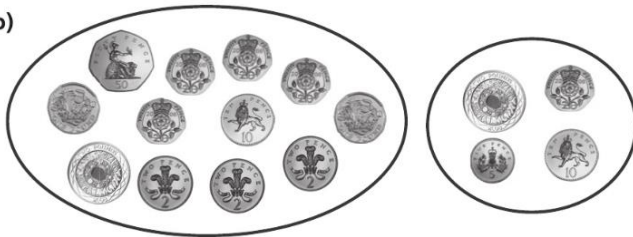
a)



$£1 + £2 = £$ and $60p + 13p =$ p

There is $£$ and p in total.

b)



$£$ + $£$ = $£$

p + p = p

There is $£$ and p in total.

2 What is the total cost?

$£1 + £2 = £$

$35p + 42p =$ p

The total cost is $£$ and p.



3 Work out how much each person pays.

Tea	£1 and 40p
Coffee	£1 and 60p
Sandwich	£2 and 55p
Cheese on Toast	£1 and 78p

a)

Please can I have a sandwich and a cup of tea?



The total cost is $£$ and p.

b)

May I have a cup of coffee and a sandwich, please?



The total cost is $£$ and p.

Try to work some of these out in your head. Check your answers using a written method.

4 Work out these additions.

a) $£2 \text{ and } 10p + £3 \text{ and } 45p = £$ and p

b) $£1 \text{ and } 42p + £5 \text{ and } 39p = £$ and p

c) $£4 \text{ and } 45p + £2 \text{ and } 70p = £$ and p

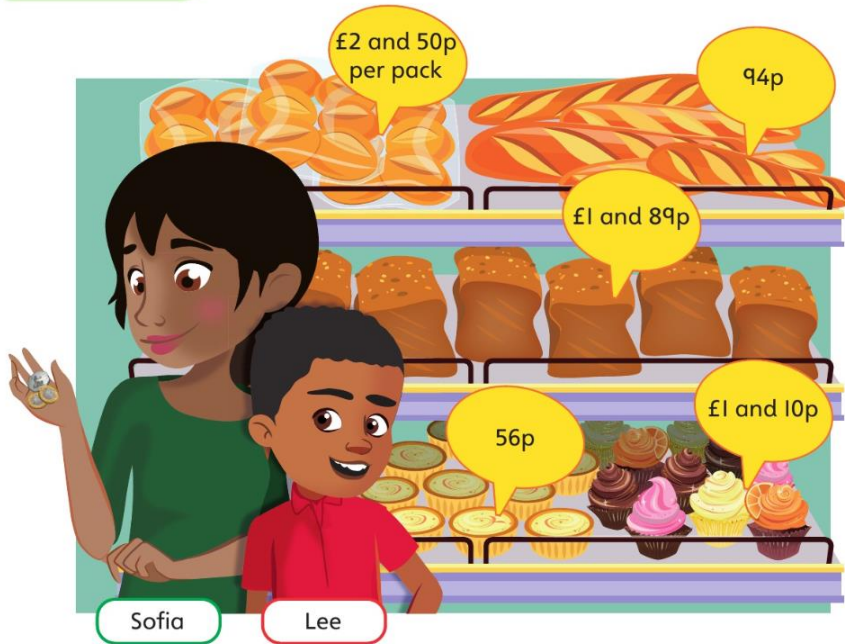
d) $£6 \text{ and } 47p + 75p = £$ and p

e) $£14 + 286p = £$ and p



Subtracting amounts of money

Discover



- 1 a) Sofia buys a cupcake.
How much money does she have left?
- b) How much cheaper is the loaf of bread than the bread rolls?

Share

- a) Sofia has £2 and 50 pence.

She buys a cupcake for £1 and 10 pence.



Subtract £1 first.



Then subtract 10 pence.



Sofia has £1 and 40 pence left.

I had to exchange the 50 pence for other coins.



- b) The loaf of bread costs £1 and 89 pence.

The bread rolls cost £2 and 50 pence.



To find the difference between the costs, I counted on.

	H	T	O
-	2	1	8
	1	8	9
	6	1	

I changed the amounts to pence and used column subtraction.

$$11\text{p} + 50\text{p} = 61\text{p}$$

$$£2 \text{ and } 50\text{p} - £1 \text{ and } 89\text{p} = 61\text{p}$$

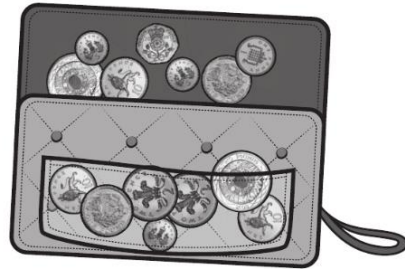
The loaf of bread is 61p cheaper than the bread rolls.



Lesson 3

Subtracting amounts of money

1 Mia has the following coins:



She spends £5 and 47p.

How much money does she have left?

Mia has £ and p left.

2 Max has the following money:



He buys a T-shirt costing £7 and 90p.

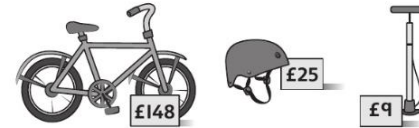
How much money does he have left?

Max has £ and p left.

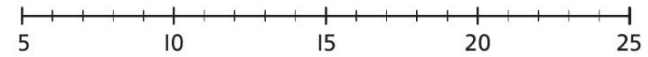
I am going to exchange one of the coins for different coins to help me. Then I can cross them out.



3 Here are some items on sale in a bicycle shop.



a) How much more does the helmet cost than the pump?



£ - £ = £

The helmet costs £ more than the pump.

b) How much less than the bike does the helmet cost?

£ - £ = £

The helmet costs £ less than the bike.

4 Work out the difference between:

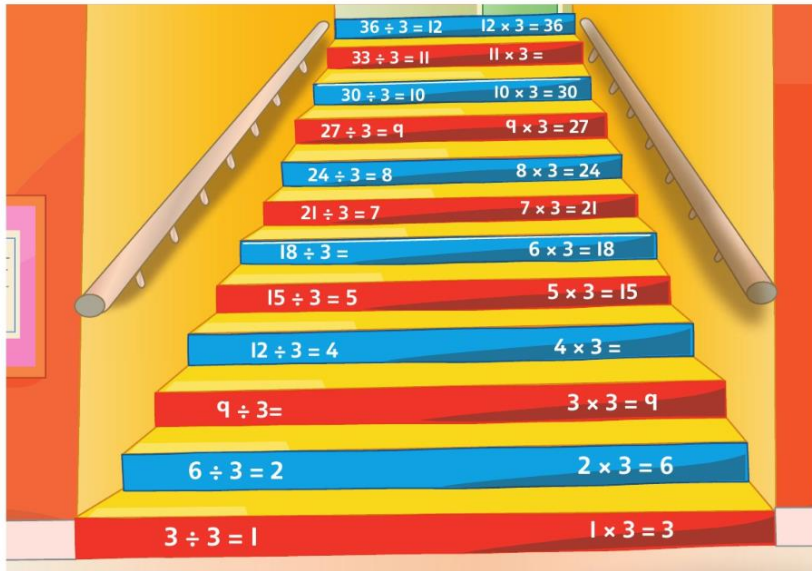
£6 and 30p and £5 and 85p



The difference is _____ .

3 times-table

Discover



- 1 a) What are the missing answers?
How did you work them out?
- b) Which multiplication fact can help you work out the total?

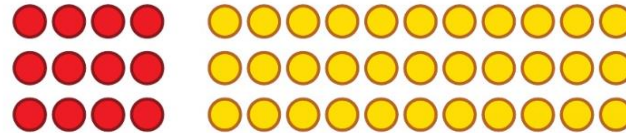


Share

I will draw each as an array to help me work them out ...



- a) First look at the multiplications.



$4 \times 3 = 12$

$11 \times 3 = 33$

Now look at the divisions.

... I grouped to find the answers to the division questions.



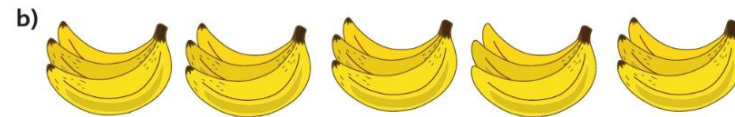
$9 \div 3 = 3$



$18 \div 3 = 6$



You can use multiplication facts to help you. If $6 \times 3 = 18$, then $18 \div 3 = 6$. Can you see the link? It is important to know **times-table** facts.

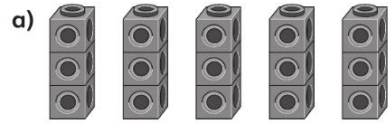


$5 \times 3 = 15$

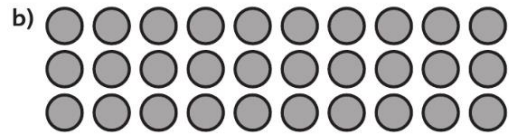
Lesson 4

3 times-table

1 Which 3 times-table fact does each picture show?



× =



× =



× =

2 Work out the answers to these multiplications.

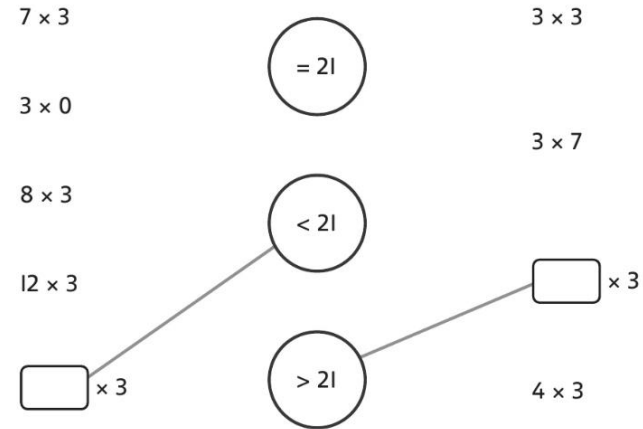
a) $0 \times 3 = \square$

c) $\square = 7 \times 3$

b) $9 \times 3 = \square$

d) $\square \times 3 = 24$

3 Join the calculations to the correct circle. Complete any calculations that are already joined to a circle.



4 Work out the answers to these divisions.

a) $36 \div 3 = \square$

e) $\square \div 3 = 4$

b) $18 \div 3 = \square$

f) $\square \div 3 = 1$

c) $21 \div 3 = \square$

g) $15 \div \square = 5$

d) $0 \div 3 = \square$