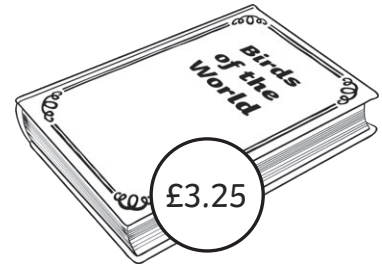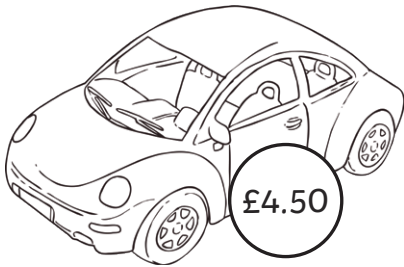# Money Problems

To solve money problems involving addition and subtraction calculations.

£4.50

£6.45

£3.25

1) Calculate the cost of a toy car and a book by separating the pounds and pence.

£4.50 + £3.25
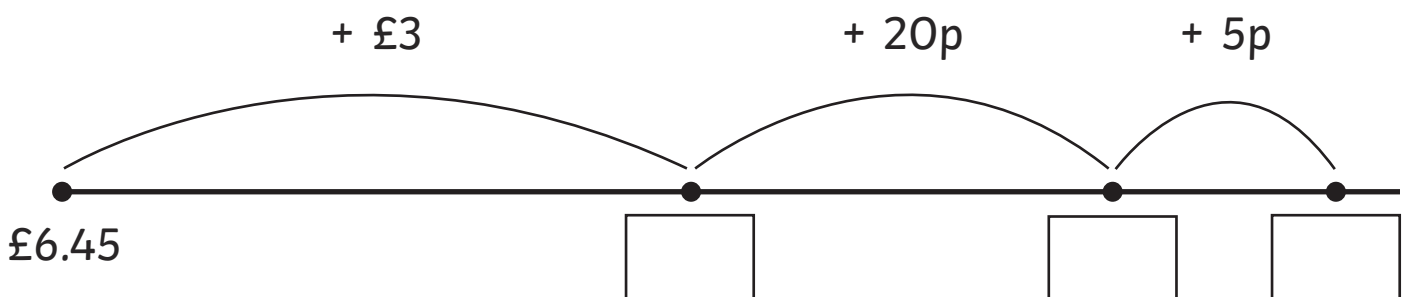
£4 and 50p   £3 and 25p

First, add the pounds:

£ [ ] + £ [ ] = £ [ ]

Now, add the pence:

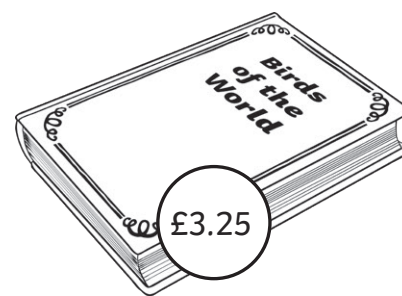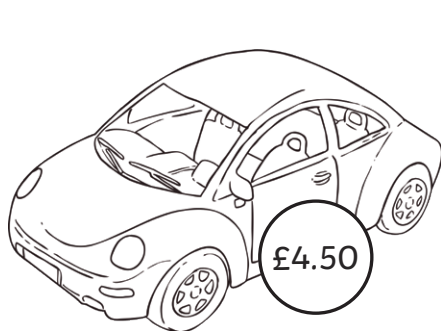[ ] p + [ ] p = [ ] p

£ [ ] + [ ] p = £____.____

2) Calculate the cost of a teddy and a book. Complete the number line to count forwards from £6.45.

+ £3   + 20p   + 5p

£6.45

The total cost of a teddy and a book = £___ . ____

£4.50

£6.45

£3.25

3) How much change from £5 will I get if I buy a book? Use coins to count forwards from £3.25 to £5.

The change from £5 for a book = £_____ . _____

4) How much change from £10 will I get if I buy a teddy? Complete the number line and count backwards from £10 to calculate the change.

- £6   - 40p   - 5p

£10
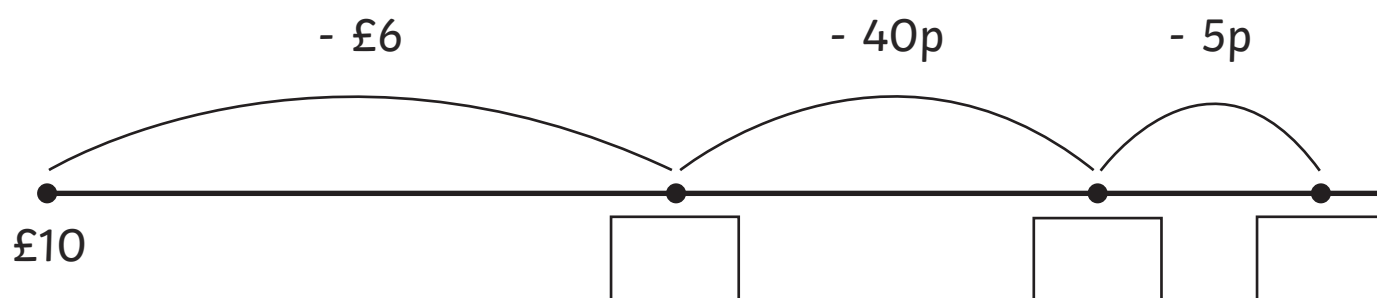
The change from £10 for a teddy = £_____ . _____

Money Problems

To solve money problems involving addition and subtraction calculations.

Two methods that can be used for addition of money:

£**4.25** + £**5.88** =

| £**4** + **25**p | £**5** + **88**p |

First, add the pounds:
£**4** + £**5** = £**9**

Now, add the pence:
25p + **88**p = **113**p
This is £**1** and **13**p

H	T	O
	2	5
+	8	8
1	1	3
1	1	

Now, add the amounts altogether
£**9** + £**1** + **13**p = £**10** and **13**p
= £**10**.**13**

+ £4   + 20p   + 5p

£5.88   £9.88   £10.08   £10.13

Counting forwards from the greater amount.

£6.29

£5.87

£8.83
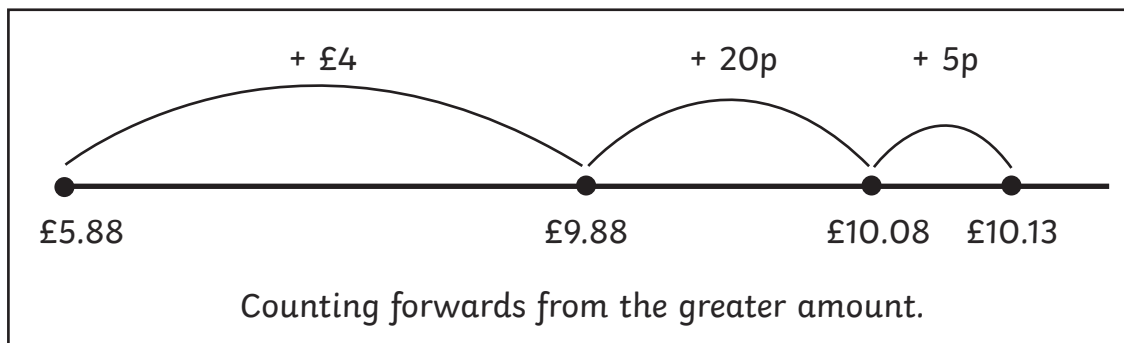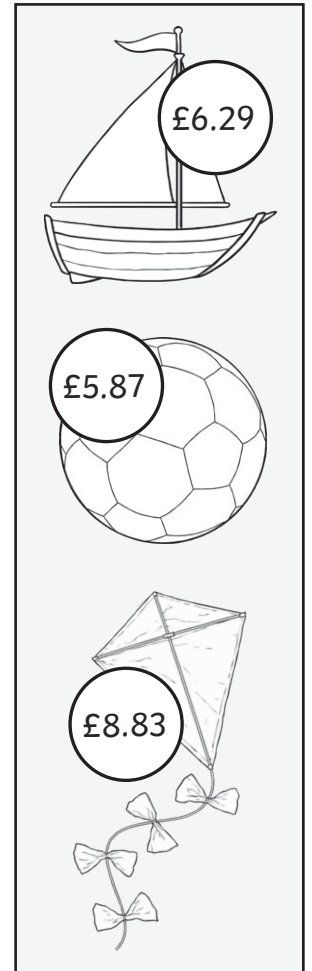
1) Use one of these methods to calculate the total cost of the following:

a) yacht and ball

b) kite and yacht

twinkl planit ★ ★

Maths | Measurement | Estimate, Compare, Calculate Money |
Lesson 4 of 5: Money Problems (1)

visit twinkl.com

twinkl
Quality Standard
Approved

Two methods that can be used for subtraction of money:

Using coins to count from the smaller amount to the greater amount.

- £7   - 20p   - 6p

£10.00   £3.00   £2.80   £2.74

Counting backwards from the greater amount.

2) Use one of these methods to calculate the change from £10 if you bought:

   a) ball

   b) kite

3) Round to the nearest pound, then adjust, to answer these questions about the menu.

   a) The cost of a pizza and a drink.

   b) The cost of a drink and a sandwich.

   Menu

   Sandwich....... £3.99

   Drink.............£1.99

   Pizza............£4.99

   c) Change from £10 when buying a sandwich and a pizza.

Money Problems

To solve money problems involving addition and subtraction calculations.

£6.34 £4.77 £7.55 £5.23
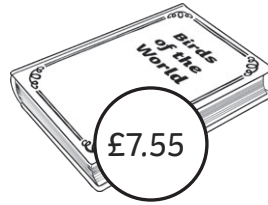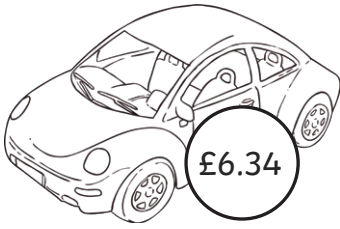
Here are different children's methods to add and subtract money amounts.

Anna's method for addition.	Chad's method for addition.	Yan's method for subtraction.	Lia's method for subtraction.
I'm going to separate the amounts into pounds and pence.	Using a number line, I'm going to count backwards from the greater amount.	Using coins, I'm going to count forwards from the smaller amount.	Using a number line, I'm going to count backwards from the greater amount.

1) Using one of the above methods, or your own to calculate the answers to these problems. Show how you worked out the answer.

   a) What is the total cost of a teddy and a book?

   b) What is the total cost of a car, a kite and a teddy?

   c) I buy a teddy and pay with £10. How much change should I get?

   d) I buy a kite and a car and pay with £20. How much change should I get?

```
                    ┌──────────────┐
                    │     Menu     │
        ┌───────────┴──────────────┴───────────┐
        │                                       │
        │   Sandwich.............................£3.99
        │
        │   Orange juice.......................£1.99
        │
        │   Pizza...................................£5.99
        │
        │   Cake....................................£2.99
        │
        │   Ice-cream sundae.................£4.99
        │                                       │
        └───────────────────────────────────────┘
```

2) Round to the nearest pound, then adjust, to answer these questions about the menu.

   a) What is the total cost of a pizza and an orange juice?

   b) What is the total cost of a sandwich and an ice-cream sundae?

   c) Which costs more - a cake and a pizza, or a sandwich and an orange juice?

   d) I buy an ice-cream sundae and pay with £20. How much change should I get?

   e) I want to buy everything on the menu. I have £20. Is this enough money to pay for all the items?

Money Problems **Answers**

1)

First, add the pounds:

£4 + £3 = £7

Now, add the pence:

50p + 25p = 75p

Now, add the amounts altogether

£7 + 75p =   £7.75

2)

+ £3   + 20p   + 5p

£6.45   **£9.45**   **£9.65**   **£9.70**

The total cost of a teddy and a book = **£9.70**

3) The change from £5 for a book = **£1.75**

4)

- £6   - 40p   - 5p

£10   **£4.00**   **£3.60**   **£3.55**

The change from £10 for a teddy = **£3.55**

Money Problems **Answers**

1)

    a) **£12.16**

    b) **£15.12**

2)

    a) **£4.13**

    b) **£1.17**

3)

    a) **£6.98**

    b) **£5.98**

    c) **£1.02**

twinkl planit ★ ★

Maths | Measurement | Estimate, Compare, Calculate Money |
Lesson 4 of 5: Money Problems (1)

visit twinkl.com

twinkl
Quality Standard
Approved

Money Problems **Answers**

1)

    a) **£12.32**

    b) **£16.34**

    c) **£5.23**

    d) **£8.43**

2)

    a) **£7.98**

    b) **£8.98**

    c) **Cake and pizza costs more (£8.98 - sandwich and orange £5.98)**

    d) **£15.01**

    e) **Yes - the total cost of all items is £19.95**