

# Mental Calculations

PS Problem-solving questions

## Challenge 1

1 Work out the answers to these mental calculations.

a)  $50 + 30 = \underline{\hspace{2cm}}$       b)  $130 - 90 = \underline{\hspace{2cm}}$

2 Work out the answers to these mental calculations.

a)  $199 - 50 = \underline{\hspace{2cm}}$       b)  $199 + 30 = \underline{\hspace{2cm}}$

PS 3 Nina has £1.99 and then finds another 65p in her pocket.  
How much money does she have altogether? £           

PS 4 Lena spends 19p on sweets.



How much change does she get from £1?          p

PS 5 I have 345 football cards. I give 120 to my little brother.  
How many do I have left?          football cards

2 marks

2 marks

1 mark

1 mark

1 mark

Marks...../7

## Challenge 2

1 a)  $2100 - 50 + 180 = \underline{\hspace{2cm}}$       b)  $3600 + 850 = \underline{\hspace{2cm}}$

PS 2 Mike spends £2.36p on fruit. How much change does he get from £5? £           

3 a)  $8334 - 1300 = \underline{\hspace{2cm}}$       b)  $1600 + 145 = \underline{\hspace{2cm}}$

2 marks

1 mark

2 marks

# Mental Calculations

PS 4 Jo buys some groceries for her grandma.



£1.99



65p



£2.05

a) How much does she spend altogether? £           

b) How much change does she get from £10? £           

2 marks

Marks...../7

## Challenge 3

PS 1 Asif buys some new supplies for school.



68p



37p



91p

a) How much has he spent altogether? £           

b) If he pays with a £5 note, how much change does he get?  
£           

2 a)  $230 - 60 + 180 = \underline{\hspace{2cm}}$       b)  $550 - 60 + 170 = \underline{\hspace{2cm}}$

3 a)  $4600 - 750 = \underline{\hspace{2cm}}$       b)  $9345 - 99 = \underline{\hspace{2cm}}$

PS 4 Marcus had his 19th birthday on 1st January 2014. In which year was Marcus born?           

PS 5 Dougie has 299 stamps. He gives his brother 61 stamps and his sister 89 stamps. How many stamps does Dougie have left in his collection?  
           stamps



2 marks

2 marks

2 marks

1 mark

1 mark

1 mark

Marks...../8

Total marks ...../22

How am I doing?

