

# Year 3 and Year 4 Addition and Subtraction, Unit 3 (34782)

## Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

**Day 1 Y3 Finding change from £5 and £10 Sheet 1**

Working towards ARE

**Day 1 Y3 Finding change from £10 and £20 Sheet 2**

Working at ARE / Greater Depth

**Day 1 Y4 Finding change from £5 and £10 Sheet 3**

Working towards ARE

**Day 1 Y4 Finding change from £10 and £20 Sheet 4**

Working at ARE / Greater Depth

**Day 2 Y3 Change from £20 Sheet 1**

Working towards ARE

**Day 2 Y3 Change from £100 Sheet 2**

Working at ARE / Greater Depth

**Day 2 Y4 Finding change from £50 Sheet 3**

Working towards ARE

**Day 2 Y4 Finding change from £100 Sheet 4**

Working at ARE / Greater Depth

**Day 3 Y3 How much more? Sheet 1**

Working towards ARE / Working at ARE

Working towards ARE complete Visit London and may use a money line.

**Day 3 Y3 How much more? Sheet 2**

Greater Depth

**Day 3 Y4 Finding differences Sheet 3**

Working towards ARE / Working at ARE / Greater Depth

**Day 4 Y3 Subtracting mentally Sheet 1**

Working towards ARE

**Day 4 Y3 Mystery subtractions Sheet 2**

Working at ARE / Greater Depth

Working at ARE draw jumps on a 0-100 penny line (see resources).

# Year 3 and Year 4 Addition and Subtraction, Unit 3 (34782)

## Additional teacher instructions for practice sheets continued

These notes indicate which practice sheets are most appropriate for which groups.

### Day 4 Y4 Mental or written? Sheet 3

Working towards ARE / Working at ARE / Greater Depth

Greater Depth choose a subtraction strategy for all calculations before finding the answers.

### Day 5 Y3 Word problems Sheet 1

Working towards ARE

In pairs, children read word problems, discuss whether they think it needs to be solved using addition or subtraction, complete the calculations and then answer the problem.

### Day 5 Y3 Word problems Sheet 2

Working at ARE / Greater Depth

### Day 5 Y4 Word problems Sheet 3

Working towards ARE

In pairs, children read word problems, discuss whether they think it needs to be solved using addition or subtraction, complete the calculations and then answer the problem.

### Day 5 Y4 Word problems Sheet 4

Working at ARE

### Day 5 Y4 Multi-step problems Sheet 5

Greater Depth

# Finding change from £5 and £10

## Sheet 1

You have **£5**.

How much change will you get if you buy the following:

1. Cupcake £1.25
2. Ham sandwich £3.68
3. Bowl of soup £2.59
4. Yoghurt £1.16
5. Milkshake £4.82
6. Jacket potato £4.07

You have **£10**.

How much change will you get if you buy the following:

7. Cheese on toast with salad £5.61
8. Ice cream sundae £4.55
9. Ploughman's lunch £7.99
10. Afternoon tea £8.88

## Finding change from £10 and £20

### Sheet 2

You have **£10**.

How much change will you get if you buy the following:

1. Cheese on toast with salad £5.61
2. Ice cream sundae £4.55
3. Ploughman's lunch £7.99
4. Afternoon tea £8.88
5. Pancake stack £4.22

You have **£20**.

How much change will you get if you buy the following:

6. Pizza £13.66
7. Spaghetti bolognaise £14.51
8. Burger and chips £11.79
9. Fish and chips £12.87
10. Chicken salad £9.28

#### Challenge

Choose any two items from the menus.

How much change will you get from £20? Be careful not to spend more than £20.

## Finding change from £5 and £10

### Sheet 3

Complete the following to show how much change should be given for each transaction:

Purchases	Paid with	Change
£3.63	£5	
£2.28	£5	
£1.38 + £2.55	£5	
£2.42 + £2.25	£5	
£8.25	£10	
£4.91 + £3.29	£10	
£1.45 + £3.87	£10	
£2.76 + £4.34	£10	

# Finding change from £10 and £20

## Sheet 4

Complete the following to show how much change should be given for each transaction.

Purchases	Paid with	Change
£7.62	£10	
£4.91 + £3.29	£10	
£1.45 + £3.87	£10	
£2.76 + £4.34	£10	
£12.38	£20	
£8.17 + £6.55	£20	
£9.66 + £5.92	£20	
£7.74 + £8.23	£20	

### Challenge

In each case what is the fewest number of coins you can use to give the change?

# Change from £20

## Sheet 1

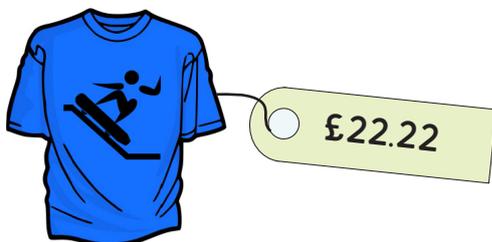
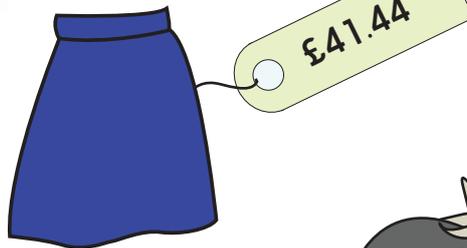
Use Frog to calculate the change from £20 for each of these items of clothing.



# Change from £100

## Sheet 2

Use Frog to calculate the change from £100 for each of these items of clothing.



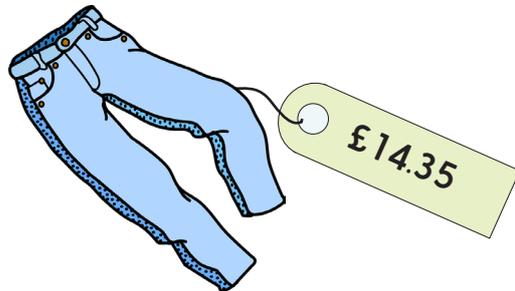
### Challenge

Find as many items that can be added together and still cost under £100. Find the change.

# Finding change from £50

## Sheet 3

Choose two items to buy, find the total cost then the change from £50 using Frog. Repeat 5 times using different items.



# Finding change from £100

## Sheet 4

Choose two items to buy, find the total cost then the change from £100 using Frog. Repeat 5 times using different items.



### Challenge

Which 3 items can you buy that will give the smallest amount of change from £100?

# How much more?

## Sheet 1

Visit a range of places and calculate the difference between the child and adult entry prices.

### VISIT LONDON

Tower of London	child: £6.55	adult: £10
London Eye	child: £7.24	adult: £10
Houses of Parliament	child: £8.67	adult: £11
Buckingham Palace	child: £9.79	adult: £12
London Zoo	child: £9.31	adult: £12

### VISIT CARDIFF

Cardiff Castle	child: £7.36	adult: £15
Museum of Wales	child: £11.08	adult: £18
Llandaff Cathedral	child: £8.47	adult: £14
Techniquest	child: £9.22	adult: £16
Roath Park	child: £12.55	adult: £19

# How much more?

## Sheet 2

Visit a range of places and calculate the difference between the child and adult entry prices.

### VISIT CARDIFF

Cardiff Castle	child: £7.36	adult: £15
Museum of Wales	child: £11.08	adult: £18
Llandaff Cathedral	child: £8.47	adult: £14
Techniquet	child: £9.22	adult: £16
Roath Park	child: £12.55	adult: £19

### VISIT EDINBURGH

Edinburgh Castle	child: £6.75	adult: £15.40
Holyrood Palace	child: £4.88	adult: £10.60
National Gallery	child: £8.06	adult: £17.00
Botanical Gardens	child: £13.47	adult: £21.30
Edinburgh Zoo	child: £11.31	adult: £19.10

## Finding differences

### Sheet 3

The shop is having a sale!

Use Frog to find out how much has each item been reduced by.

Original Price	Sale Price
£34.15	£28.77
£32.42	£27.68
£63.28	£47.85
£72.26	£38.58
£43.27	£19.82
£22.41	£18.56
£57.38	£52.91
£91.19	£86.86

#### Challenge

Check your answers by adding the difference back to the sale price.

## Subtracting mentally

### Sheet 1

1.  $475 - 100$

2.  $475 - 99$

3.  $653 - 200$

4.  $653 - 199$

5.  $867 - 200$

6.  $867 - 199$

7.  $965 - 300$

8.  $965 - 30$

9.  $965 - 3$

10.  $846 - 400$

11.  $846 - 410$

12.  $846 - 402$

#### Challenge

Find the missing numbers:

$$634 - \square = 222$$

$$\square - 364 = 333$$

# Mystery subtractions

## Sheet 2

Find the missing mystery number.

1.  $358 - \boxed{\phantom{000}} = 159$

2.  $656 - \boxed{\phantom{000}} = 255$

3.  $825 - \boxed{\phantom{000}} = 524$

4.  $783 - \boxed{\phantom{000}} = 373$

5.  $477 - \boxed{\phantom{000}} = 175$

6.  $869 - \boxed{\phantom{000}} = 371$

7.  $955 - \boxed{\phantom{000}} = 460$

8.  $741 - \boxed{\phantom{000}} = 445$

### Challenge

Give three possible pairs of numbers to make this number sentence correct.

$$\boxed{\phantom{000}} - \boxed{\phantom{000}} = 108$$

## Mental or written?

### Sheet 3

Choose different subtraction strategies to answer at least 10 calculations.  
Explain your choice for four calculations.

$$5428 - 3100$$

$$5368 - 4783$$

$$5783 - 3847$$

$$2374 - 1999$$

$$4872 - 203$$

$$3004 - 2997$$

$$8387 - 3246$$

$$4158 - 320$$

$$4257 - 2010$$

$$5782 - 759$$

$$8748 - 3004$$

$$5748 - 2341$$

$$4345 - 1998$$

$$3245 - 2311$$

$$5478 - 310$$

$$4752 - 3728$$

# Word problems

## Sheet 1

1. Jess has scored 58 points on a computer game.  
She's trying to get 80 points!  
How many more points does she need?

4. 76 people are at the cinema. 39 of them are adults, how many are children?

2. Peter has collected 40 stickers.  
If he collects 55 more how many will he have?

5. 101 people pass through the ticket barriers before midday at a tube station, and 203 after midday.  
How many people passed through the ticket barrier during the whole day?

3. A book costs 68p and a pencil case 70p.  
How much is that altogether?

6. A plane is flying at 96 metres.  
It descends 30 metres.  
What height is it now?

# Word problems

## Sheet 2

<p>1. Jess has scored 678 points on a computer game. She's trying to get 800 points! How many more points does she need?</p>	<p>4. 176 people are at the cinema. 39 of them are adults, how many are children?</p>
<p>2. Peter has collected 38 stickers. If he collects 98 more how many will he have?</p>	<p>5. 135 people pass through the ticket barriers before midday at a tube station, and 232 after midday. How many people passed through the ticket barrier during the whole day?</p>
<p>3. A book costs £3.68 and a pencil case £2.70. How much is that altogether?</p>	<p>6. A plane is flying at 956 metres. It descends 203 metres. What height is it now?</p>

### Challenge

Now write your own word problems for a partner to solve, one for addition and one for subtraction. Use two-digit or three-digit numbers. You must be able to calculate the answer!

## Word problems

### Sheet 3

<p>1. Magda has scored 678 points on a computer game. She's trying to get 1000 points! How many more points does she need?</p>	<p>4. 176 people come to see the school production. 39 of them are children, how many are adults?</p>
<p>2. Nelson Mandela was born in 1918 and lived until he was 95. What year did he die?</p>	<p>5. 3135 people pass through the ticket barriers before midday at a tube station, and 5132 after midday. How many people passed through the ticket barrier during the whole day?</p>
<p>3. Find the total price of two DVDs, one costing £4.65 and the other £5.40.</p>	<p>6. A plane is flying at 1956 metres. It descends 203 metres. What height is it now?</p>

#### Challenge

Now write your own word problems for a partner to solve, one for addition and one for subtraction. Use three-digit or four-digit numbers and you must be able to calculate the answer!

## Word problems

### Sheet 4

<p>1. Jess has scored 4678 points on a computer game. She's trying to get 5000 points! How many more points does she need?</p>	<p>4. 246 people come to see the school production. 89 of them are children, how many are adults?</p>
<p>2. Nelson Mandela was born in 1918. He spent 27 years in prison, which affected his health but he lived until he was 95. What year did he die?</p>	<p>5. 3473 people pass through the ticket barriers before midday at a tube station, and 5632 after midday. How many people passed through the ticket barrier during the whole day?</p>
<p>3. Could you buy one DVD for £4.68 and one for £5.79 for a total of less than £10?</p>	<p>6. A plane is flying at 2156 metres. It descends 203 metres. What height is it now?</p>

#### Challenge

Now write your own word problems for a partner to solve, one for addition and one for subtraction. Use three-digit or four-digit numbers. You must be able to calculate the answer!

## Multi-step problems

### Sheet 5

1. A farmer has 233 ewes. 126 had twins. 32 had triplets. 10 sadly lost their lambs, and the rest had one lamb each. How many lambs are there?

2. There are 437 fiction and 255 non-fiction books in the library. At the moment 103 have been taken out. How many books are left in the library?

3. At a football match, there are 3245 fans of the home team, and 1374 of the away team. If each fan paid £10 for a ticket, how much was taken in ticket sales?

4. There are 1346 people on a London bound train. 149 people get on and 32 get off. How many are on the train now?

5. 246 people go to see a film at the cinema. 89 of them are children. Adult tickets are £5 and children go free as a special offer! How much does the cinema take in ticket sales?

#### Challenge

Now work with a partner to make up your own multi-step problem for another pair of children to solve. You must be able to work out the answer!

# Addition and subtraction

## Answers

### Day 1 Y3 Finding change from £5 and £10 Sheet 1

1. £5 - £1.25 = **£3.75**
2. £5 - £3.68 = **£1.32**
3. £5 - £2.59 = **£2.41**
4. £5 - £1.16 = **£3.84**
5. £5 - £4.82 = **£0.18**
6. £5 - £4.07 = **£0.93**
7. £10 - £5.61 = **£4.39**
8. £10 - £4.55 = **£5.45**
9. £10 - £7.99 = **£2.01**
10. £10 - £8.88 = **£1.12**

### Day 1 Y3 Finding change from £10 and £20 Sheet 2

1. £10 - £5.61 = **£4.39**
2. £10 - £4.55 = **£5.45**
3. £10 - £7.99 = **£2.01**
4. £10 - £8.88 = **£1.12**
5. £10 - £4.22 = **£5.78**
6. £20 - £13.66 = **£6.34**
7. £20 - £14.51 = **£5.49**
8. £20 - £11.79 = **£8.21**
9. £20 - £12.87 = **£7.13**
10. £20 - £9.28 = **£10.72**

### Day 1 Y4 Finding change from £5 and £10 Sheet 3

£3.63	£5	<b>£1.37</b>
£2.28	£5	<b>£2.72</b>
£1.38 + £2.55	£5	<b>£1.07</b>
£2.42 + £2.25	£5	<b>33p</b>
£8.25	£10	<b>£1.75</b>
£4.91 + £3.29	£10	<b>£1.80</b>
£1.45 + £3.87	£10	<b>£4.68</b>
£2.76 + £4.34	£10	<b>£2.90</b>

### Day 1 Y4 Finding change from £10 and £20 Sheet 4

£7.62	£10	<b>£2.38</b>
£4.91 + £3.29	£10	<b>£1.80</b>
£1.45 + £3.87	£10	<b>£4.68</b>
£2.76 + £4.34	£10	<b>£2.90</b>
£12.38	£20	<b>£7.62</b>
£8.17 + £6.55	£20	<b>£5.28</b>
£9.66 + £5.92	£20	<b>£4.42</b>
£7.74 + £8.23	£20	<b>£4.03</b>

#### Challenge

- £2.38 6 coins, £2, 20p, 10p, 5p, 2p, 1p  
£1.80 4 coins, £1, 50p, 20p, 10p  
£4.68 7 coins, £2, £2, 50p, 10p, 5p, 2p, 1p  
£2.90 4 coins, £2, 50p, 20p, 20p  
£7.62 7 coins, £2, £2, £2, £1, 50p, 10p, 2p  
£5.28 7 coins, £2, £2, £1, 20p, 5p, 2p, 1p  
£4.42 5 coins, £2, £2, 20p, 20p, 2p  
£4.03 4 coins, £2, £2, 2p, 1p

# Addition and subtraction

## Answers

### Day 2 Y3 Change from £20 Sheet 1

Dress: £20 - £15.99 = **£4.01**

Boots: £20 - £18.63 = **£1.37**

Trousers: £20 - £14.35 = **£5.65**

Coat: £20 - £16.58 = **£3.42**

Skirt: £20 - £11.44 = **£8.56**

Hat: £20 - £8.55 = **£11.45**

### Day 2 Y3 Change from £100 Sheet 2

Dress: £100 - £25.99 = **£74.01**

Boots: £100 - £48.63 = **£51.37**

Trousers: £100 - £34.35 = **£65.65**

Coat: £100 - £66.58 = **£33.42**

Skirt: £100 - £41.44 = **£58.56**

Hat: £100 - £18.55 = **£81.45**

Jumper: £100 - £29.98 = **£70.02**

Sweatshirt: £100 - £46.75 = **£53.25**

T-shirt: £100 - £22.22 = **£77.78**

### Challenge

You could buy **four items**, the hat (£18.55), T-shirt (£22.22), dress (£25.99) and jumper (£29.98) for a total of £96.74. Your change would be **£3.26**.

### Day 2 Y4 Finding change from £50 Sheet 3

Dress + boots            £15.99 + £18.63 = **£34.62**    £50 - £34.62 = **£15.38**

Dress + trousers        £15.99 + £14.35 = **£30.34**    £50 - £30.34 = **£19.66**

Dress + coat            £15.99 + £16.58 = **£32.54**    £50 - £32.54 = **£17.46**

Dress + skirt            £15.99 + £11.44 = **£27.43**    £50 - £27.43 = **£22.57**

Dress + hat              £15.99 + £8.55 = **£24.54**    £50 - £24.54 = **£25.46**

Boots + trousers        £18.63 + £14.35 = **£32.98**    £50 - £32.98 = **£17.02**

Boots + coat            £18.63 + £16.58 = **£35.21**    £50 - £35.21 = **£14.79**

Boots + skirt            £18.63 + £11.44 = **£30.07**    £50 - £30.07 = **£19.93**

Boots + hat              £18.63 + £8.55 = **£27.18**    £50 - £27.18 = **£22.82**

Trousers + coat         £14.35 + £16.58 = **£30.93**    £50 - £30.93 = **£19.07**

Trousers + skirt        £14.35 + £11.44 = **£25.79**    £50 - £25.79 = **£24.21**

Trousers + hat         £14.35 + £8.55 = **£22.90**    £50 - £22.90 = **£27.10**

Coat + skirt             £16.58 + £11.44 = **£28.02**    £50 - £28.02 = **£21.98**

Coat + hat               £16.58 + £8.55 = **£25.13**    £50 - £25.13 = **£24.87**

Skirt + hat               £11.44 + £8.55 = **£19.99**    £50 - £19.99 = **£30.01**

# Addition and subtraction

## Answers

### Day 2 Y4 Finding change from £100 Sheet 4

Dress + boots	$£25.99 + £48.63 = £74.62$	$£100 - £74.62 = £25.38$
Dress + trousers	$£25.99 + £34.35 = £60.34$	$£100 - £60.34 = £39.66$
Dress + coat	$£25.99 + £66.58 = £92.57$	$£100 - £92.57 = £7.43$
Dress + skirt	$£25.99 + £41.44 = £67.43$	$£100 - £67.43 = £32.57$
Dress + hat	$£25.99 + £18.55 = £44.54$	$£100 - £44.54 = £55.46$
Dress + green jumper	$£25.99 + £29.98 = £55.97$	$£100 - £55.97 = £44.03$
Dress + T-shirt	$£25.99 + £22.22 = £48.21$	$£100 - £48.21 = £51.79$
Dress + black jumper	$£25.99 + £46.75 = £72.74$	$£100 - £72.74 = £27.26$
Boots + trousers	$£48.63 + £34.35 = £82.98$	$£100 - £82.98 = £17.02$
Boots + skirt	$£48.63 + £41.44 = £90.07$	$£100 - £90.07 = £9.93$
Boots + hat	$£48.63 + £18.55 = £67.18$	$£100 - £67.18 = £32.82$
Boots + green jumper	$£48.63 + £29.98 = £78.61$	$£100 - £78.61 = £21.39$
Boots + T-shirt	$£48.63 + £22.22 = £70.85$	$£100 - £70.85 = £29.15$
Boots + black jumper	$£48.63 + £46.75 = £95.38$	$£100 - £95.38 = £4.62$
Coat + hat	$£66.58 + £18.55 = £85.13$	$£100 - £85.13 = £14.87$
Coat + T-shirt	$£66.58 + £22.22 = £88.80$	$£100 - £88.80 = £11.20$
Skirt + hat	$£41.44 + £18.55 = £59.99$	$£100 - £59.99 = £40.01$
Skirt + green jumper	$£41.44 + £29.98 = £71.42$	$£100 - £71.42 = £28.58$
Skirt + T-shirt	$£41.44 + £22.22 = £63.66$	$£100 - £63.66 = £36.34$
Skirt + black jumper	$£41.44 + £46.75 = £88.19$	$£100 - £88.19 = £11.81$
Hat + green jumper	$£18.55 + £29.98 = £48.53$	$£100 - £48.53 = £51.47$
Hat + T-shirt	$£18.55 + £22.22 = £40.77$	$£100 - £40.77 = £59.23$
Hat + black jumper	$£18.55 + £46.75 = £65.30$	$£100 - £65.30 = £34.70$
Green jumper + T-shirt	$£29.98 + £22.22 = £52.20$	$£100 - £52.20 = £47.80$
Green jumper + black jumper	$£29.98 + £46.75 = £76.73$	$£100 - £76.73 = £23.27$
T-shirt + black jumper	$£22.22 + £46.75 = £68.97$	$£100 - £68.97 = £31.03$

The following combinations are not possible as they would cost  $>£100$ :

coat + boots; coat + trousers; coat + skirt; coat + green jumper; and coat + black jumper.

### Challenge

You could buy the trousers (£34.35), T-shirt (£22.22) and skirt (£41.44) for a total of £98.01. Your change would be **£1.99**.

### Day 3 Y3 How much more? Sheet 1

Visit London

TofL  $£10 - £6.55 = £3.45$

LE  $£10 - £7.24 = £2.76$

HofP  $£11 - £8.67 = £2.33$

BP  $£12 - £9.79 = £2.21$

LZ  $£12 - £9.31 = £2.69$

Visit Cardiff

CC  $£15 - £7.36 = £7.64$

MofW  $£18 - £11.08 = £6.92$

LC  $£14 - £8.47 = £5.53$

T  $£16 - £9.22 = £6.78$

RP  $£19 - £12.55 = £6.45$

# Addition and subtraction

## Answers

### Day 3 Y3 How much more? Sheet 2

Visit Cardiff

CC  $£15 - £7.36 = £7.64$

MofW  $£18 - £11.08 = £6.92$

LC  $£14 - £8.47 = £5.53$

T  $£16 - £9.22 = £6.78$

RP  $£19 - £12.55 = £6.45$

Visit Edinburgh

EC  $£15.40 - £6.75 = £8.65$

HP  $£10.60 - £4.88 = £5.72$

NG  $£17 - £8.06 = £8.94$

BG  $£21.30 - £13.47 = £7.83$

EZ  $£19.10 - £11.31 = £7.79$

### Day 3 Y4 Finding differences Sheet 3

Original Price	Sale Price	Reduction
£34.15	£28.77	£5.38
£32.42	£27.68	£4.74
£63.28	£47.85	£15.43
£72.26	£38.58	£33.68
£43.27	£19.82	£23.45
£22.41	£18.56	£3.85
£57.38	£52.91	£4.47
£91.19	£86.86	£4.33

### Day 4 Y3 Subtracting mentally Sheet 1

- $475 - 100 = 375$
- $475 - 99 = 376$
- $653 - 200 = 453$
- $653 - 199 = 454$
- $867 - 200 = 667$
- $867 - 199 = 668$
- $965 - 300 = 665$
- $965 - 30 = 935$
- $965 - 3 = 962$
- $846 - 400 = 446$
- $846 - 410 = 436$
- $846 - 402 = 444$

#### Challenge

$634 - 412 = 222$

$697 - 364 = 333$

# Addition and subtraction

## Answers

### Day 4 Y3 Mystery subtractions Sheet 2

1.  $358 - 199 = 159$
2.  $656 - 401 = 255$
3.  $825 - 301 = 524$
4.  $783 - 410 = 373$
5.  $477 - 302 = 175$
6.  $869 - 498 = 371$
7.  $955 - 495 = 460$
8.  $741 - 296 = 445$

### Challenge

e.g.  $999 - 891 = 108$

$114 - 6 = 108$  etc.

### Day 4 Y4 Mental or written? Sheet 3

- |                      |                      |                      |
|----------------------|----------------------|----------------------|
| $5428 - 3100 = 2328$ | $5368 - 4783 = 585$  | $5783 - 3847 = 1936$ |
| $2374 - 1999 = 375$  | $4872 - 203 = 4669$  | $3004 - 2997 = 7$    |
| $8387 - 3246 = 5141$ | $4257 - 2010 = 2247$ | $4158 - 320 = 3838$  |
| $5782 - 759 = 5023$  | $8748 - 3004 = 5744$ | $5748 - 2341 = 3407$ |
| $4345 - 1998 = 2347$ | $4752 - 3728 = 1024$ | $3245 - 2311 = 934$  |
| $5478 - 310 = 5168$  |                      |                      |

Can children spot when it is possible to use a mental method and explain why?

### Day 5 Y3 Word problems Sheet 1

- |                               |   |
|-------------------------------|---|
| 1. $80 - 58 = 22$             | Jess needs 22 more points.                    |
| 2. $40 + 55 = 95$             | Peter will have collected 95 stickers.        |
| 3. $68p + 78p = \text{£}1.46$ | The total cost is $\text{£}1.46$ .            |
| 4. $76 - 39 = 37$             | 37 of them are children.                      |
| 5. $101 + 203 = 304$          | 304 people passed through the ticket barrier. |
| 6. $96m - 30m = 66m$          | The plane is now at 66 metres.                |

### Day 5 Y3 Word problems Sheet 2

- |   |   |
|---|---|
| 1. $800 - 678 = 122$                            | Jess needs 122 more points.                   |
| 2. $38 + 98 = 136$                              | Peter will have 136 stickers.                 |
| 3. $\text{£}3.68 + \text{£}2.70 = \text{£}6.38$ | The total cost is $\text{£}6.38$ .            |
| 4. $176 - 39 = 137$                             | 137 of them are children.                     |
| 5. $135 + 232 = 367$                            | 367 people passed through the ticket barrier. |
| 6. $956m - 203m = 753m$                         | The plane is now at 753 metres.               |

### Day 5 Y4 Word problems Sheet 3

- |  |  |
|--|--|
| 1. $1000 - 678 = 322$                            | Magda needs 322 more points.                   |
| 2. $1918 + 95 = 2013$                            | Nelson Mandela died in 2013.                   |
| 3. $\text{£}4.65 + \text{£}5.40 = \text{£}10.05$ | The total cost is $\text{£}10.05$ .            |
| 4. $176 - 39 = 137$                              | 137 of them are adults.                        |
| 5. $3135 + 5132 = 8267$                          | 8267 people passed through the ticket barrier. |
| 6. $1956m - 203m = 1753m$                        | The plane is now at 1753 metres.               |

# Addition and subtraction

## Answers

### Day 5 Y4 Word problems Sheet 4

- $5000 - 4678 = 322$  Jess needs 322 more points.
- $1918 + 95 = 2013$  Nelson Mandela died in 2013.
- $£4.68 + £5.79 = £10.47$  No, the total is more than £10.
- $246 - 89 = 157$  157 of them are adults.
- $3473 + 5632 = 9105$  9105 people passed through the ticket barrier.
- $2156\text{m} - 203\text{m} = 1953\text{m}$  The plane is now at 1953 metres.

### Day 5 Y4 Multi-step problems Sheet 5

- $233 - 126 - 32 - 10 = 65$   
 $126 \times 2 = 252$   
 $32 \times 3 = 96$   
 $252 + 96 + 65 = 413$   
There are 413 lambs.
- $437 + 255 = 692$   
 $692 - 103 = 589$   
There are 589 books left in the library.
- $3245 + 1374 = 4619$   
 $4619 \times £10 = £46,190$   
£46,190 was taken in ticket sales.
- $1346 + 149 = 1495$   
 $1495 - 32 = 1463$   
There are 1463 people on the train now.
- $246 - 89 = 157$   
 $157 \times £5 = £785$   
The cinema takes £785 in ticket sales.