



Cotsford
Primary School

*Cotsford Primary
school
Home learning*

*Year 6
Autumn 2
9.11.20.*

Lesson 1.

America has 50 states in total.

Research one and write some facts about it.

Famous Landmarks.

Language.

Bordering States.

Fun Facts.

American Flag.

Lesson 2.

Choose 20 of the American states and put them in alphabetical order.

Lesson 4.

An Amazing Fact a Day

The United States of America

Fill in the table with the names of the American states.

Abbreviated Name	Full Name
AL	
AK	
AZ	
AR	
CA	
CO	
CT	
DE	
FL	
GA	
HI	
ID	
IL	
IN	
IA	
KS	
KY	
LA	
ME	
MD	
MA	
MI	
MN	
MS	
MO	

Abbreviated Name	Full Name
MT	
NE	
NV	
NH	
NJ	
NM	
NY	
NC	
ND	
OH	
OK	
OR	
PA	
RI	
SC	
SD	
TN	
TX	
UT	
VT	
VA	
WA	
WV	
WI	
WY	

Lesson 5.

Life in the USA

Look at these pictures of life in the USA and compare them to what you know about the UK.



Picture 1.

Picture 2.

Picture 3.

Picture 4.

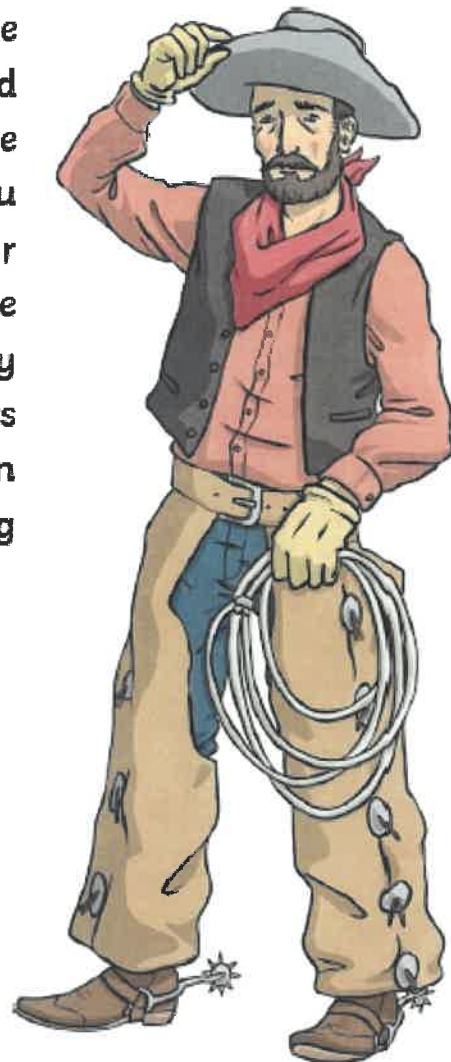
Picture 5.

Picture 6.

Lesson 6.

The Grand Canyon Tour Company

9 Howdy, there! Welcome to the state of Arizona for
19 your tour of one of the seven wonders the natural
31 world. My name is Hank and I'll be your tour guide
42 as we travel part of the way around this 446-
59 kilometre-long canyon. At its widest, the
54 Grand Canyon stretches almost 30 kilometres
62 across. Don't get too close to the
66 edge though, because at around
73 1800 metres deep, we won't have
81 a rope long enough to help if you
88 slip! Whilst it isn't the longest or
94 deepest canyon in the world, the
100 Grand Canyon is an extremely
107 popular place for tourists
113 to visit, with over 5 million
120 people, just like you, travelling
127 from across the world to see it!





1. Which American state is the Grand Canyon in?



2. Why won't Hank have a rope long enough to help?



3. What might Hank tell the tourists about next?



4. Summarise this passage in one sentence.

Lesson 7.

Climate in the UK

Compared to the USA, the UK is so small that it has the same climate everywhere, although it is often a bit warmer the further south you go.

- The UK has warm summers and cool winters. Summers are cooler than others in Europe but winters are milder.
- July and August are the warmest months in the UK.
- January and February are the coldest months.
- The west of the UK is the wettest.
- It rains throughout the year.



Average
Temperature:

9.3°C

Research some extreme weather patterns from the USA and write about one. For example, Tornadoes.

Lesson 8.

Lady Liberty

11 The Statue of Liberty is located on Liberty Island in
21 the New York harbour. It was given to the people of
32 America as a gift from the people of France. It took
43 over nine years to create and took months to arrive in
52 America because it had to be taken apart, packaged
58 up and shipped across the sea.
65 The official name of the Statue of
69 Liberty is actually 'Liberty
74 Enlightening the World'. She stands
82 at over 90 metres high, with just one
88 of her fingers measuring over 2
95 metres in length! Each day, lots of
100 tourists explore the museum inside
107 the base of the statue before climbing
114 the 354 steep steps to reach the
121 crown and look out over New York.





1. What is the Statue of Liberty's official name?



2. Which word from the text means the same as 'can be found in this place'?



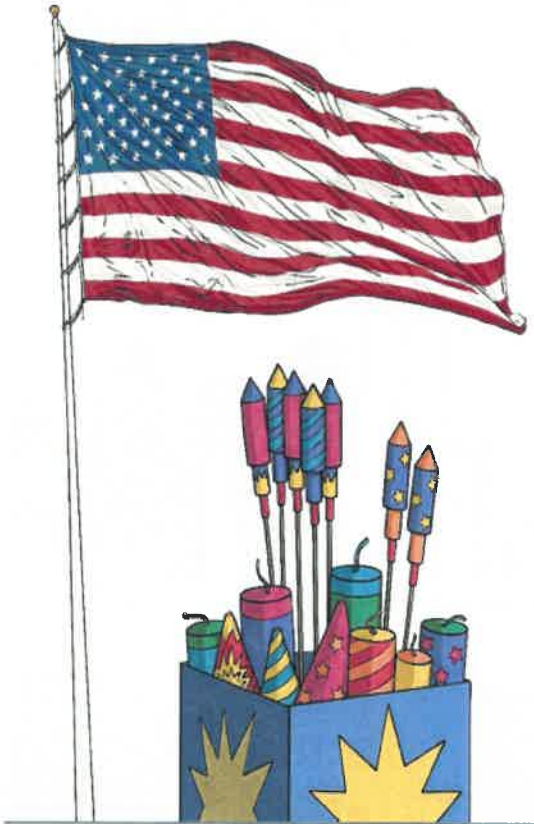
3. Do you think that it is easy to reach the top of the statue? Explain your answer.



4. Find and copy a phrase which tells us that the statue is visited regularly.

Lesson 9.

Independence Day



Find out about Independence Day.

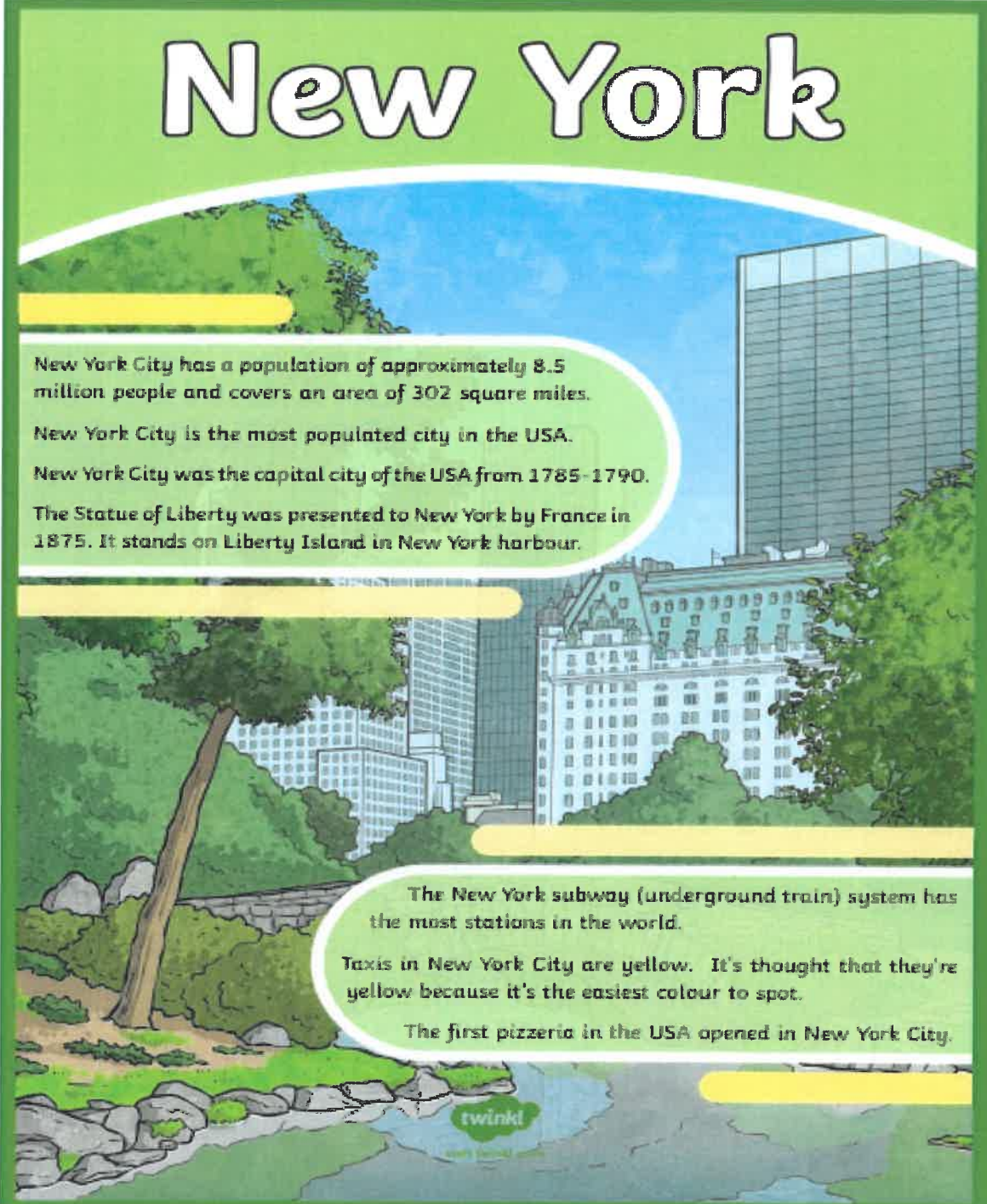
When is it?

How does America celebrate this?

Write about a celebration we have in the UK. For example, Bonfire night.

Lesson 10.

New York is an American state. Design your own poster about it using some



New York

New York City has a population of approximately 8.5 million people and covers an area of 302 square miles.

New York City is the most populated city in the USA.

New York City was the capital city of the USA from 1785-1790.

The Statue of Liberty was presented to New York by France in 1875. It stands on Liberty Island in New York harbour.

The New York subway (underground train) system has the most stations in the world.

Taxis in New York City are yellow. It's thought that they're yellow because it's the easiest colour to spot.

The first pizzeria in the USA opened in New York City.

twinkl

of the facts.

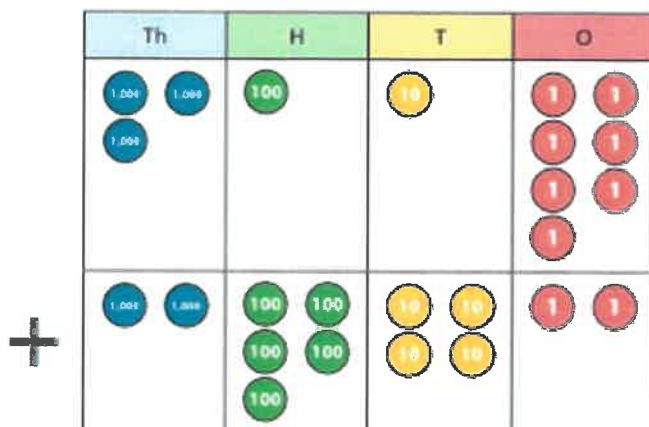
Maths. 4 Digit Addition.

Lesson 1.

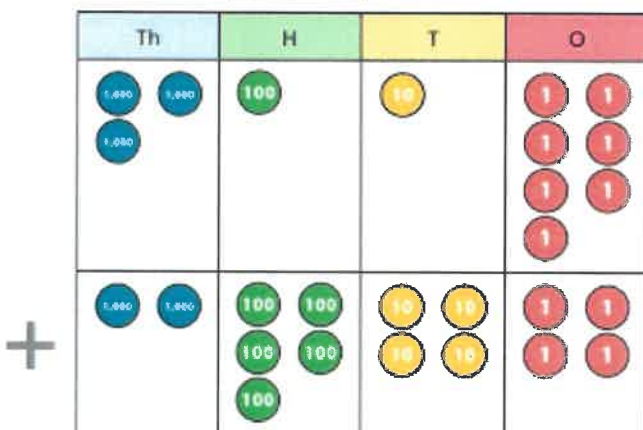
1 Complete the calculations.

Use the place value charts to help you.

a) $3,117 + 2,542 =$



b) $3,117 + 2,544 =$



c) What do you notice about the calculations in part a) and part b)?

Which did you find easier and why?

d) What happens when you have more than 10 counters in one column?

2 Complete the calculations.

a) $4,365 + 2,617 =$

b) $1,907 + 5,068 =$

c) $6,792 + 163 =$

d) $3,247 + 1,930 =$

3 Complete the calculations.

a)

	Th	H	T	O		
	5	1	6	3		
+	2	4	5	1		
<hr/>						
<hr/>						

b)

	Th	H	T	O		
	7	2	6	1		
+	1	0	2	9		
<hr/>						
<hr/>						

Lesson 2.

c)

	Th	H	T	O	
		7	0	3	
+	2	5	8	0	
<hr/>					
<hr/>					

d)

	Th	H	T	O	
	3	5	0	8	
+	2	7	3	1	
<hr/>					
<hr/>					

4 Four children have calculated $4,635 + 183$

Rosie's method

	Th	H	T	O	
	4	6	3	5	
+		1	8	3	
<hr/>					
	4	7	11	8	

$$4,635 + 183 = 47,118$$

Jack's method

	Th	H	T	O	
	4	6	3	5	
+		1	8	3	
<hr/>					
	4	7	1	8	

$$4,635 + 183 = 4,718$$

Alex's method

	Th	H	T	O	
	4	6	3	5	
+		1	8	3	
<hr/>					
	4	8	1	8	
		1			

$$4,635 + 183 = 4,818$$

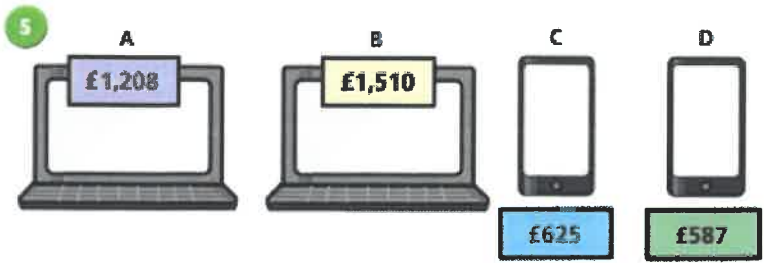
Teddy's method

	Th	H	T	O	
	4	6	3	5	
+		1	8	3	
<hr/>					
	6	4	6	5	
	1				

$$4,635 + 183 = 6,465$$

Whose method is correct? _____

Talk about the mistakes the other children have made.



Mr Robson has £2,100 to spend on a mobile phone and a laptop.

What combinations of laptops and phones can he afford to buy?

6 Fill in the missing digits.

a)

	Th	H	T	O
	3		2	
+		4		6
	8	7	9	1

b)

	Th	H	T	O
+	3	8	2	1
	8	7	9	1

Lesson 3.

$$\begin{array}{r} \text{a) } \square 341 \\ + 7543 \\ \hline 98 \square 4 \end{array}$$

$$\begin{array}{r} \text{e) } 607\square \\ + 2283 \\ \hline \square \square 355 \end{array}$$

a) I have a box of 3452 marbles and another box containing 2124 marbles. How many marbles do I have altogether?

$$\begin{array}{r} \text{b) } 453\square \\ + 1222 \\ \hline 5 \square 53 \end{array}$$

$$\begin{array}{r} \text{f) } 5116 \\ + 8432 \\ \hline \square \square 548 \end{array}$$

b) I have a box of 3546 stamps and my brother has a box of 2783 stamps. How many stamps do we have altogether?

$$\begin{array}{r} \text{c) } 6721 \\ + 5234 \\ \hline \square \square 955 \end{array}$$

$$\begin{array}{r} \text{g) } 435\square \\ + 1937 \\ \hline \square \square 293 \end{array}$$

$$\begin{array}{r} \text{d) } 3\square 56 \\ + 1447 \\ \hline \square \square 903 \end{array}$$

$$\begin{array}{r} \text{h) } 669\square \\ + 3332 \\ \hline \square \square 030 \end{array}$$

Lesson 4.

Maths Mastery Addition and Subtraction Challenge Cards

1. Fill in the missing digits.

$$1 \square 5 \square + 700 = 1959$$

$$5 \square 28 - 440 = 4788$$

$$1 \square 2 + 6 \square = 200$$

Maths Mastery Addition and Subtraction Challenge Cards

2. Use your maths skills to explain which of these signs should go in the boxes.

\geq \leq $=$

$$2416 + 15 + 15 \square 2416 + 30$$

$$1904 - 904 \square 1914 - 924$$

$$2146 - 39 + 42 \square 2134 - 49 + 21$$

Maths Mastery Addition and Subtraction Challenge Cards

3. Use the digits 1 to 9 (once only) to make three 3-digit numbers. Your mission is to make the total as close to 1500 as you can.



$$\begin{array}{r} \square \square \square \\ + \square \square \square \\ \hline \square \square \square \end{array}$$

Lesson 5.

On the Run

Decide who will be the 'Cop' and who will be the 'Robber'. Place your counter on the starting point on the board. Taking turns, move your counter on the board, answering the question you land on. If the answer is incorrect, move your counter back to the previous position. If the 'Cop' captures the 'Robber' by landing on the same hexagon as the 'Robber' then the 'Cop' wins. If the 'Robber' manages to reach the opposite end of the board without being captured, the 'Robber' wins.

'Cop' Starting Point

$535 - 238$	$482 + 289$	$842 - 253$	$583 + 34$	$536 - 369$
$838 + 269$	$956 - 435$	$586 - 254$	$697 + 396$	
$683 + 59$	$586 - 28$	$85 + 59$	$234 - 143$	$482 - 295$
$395 + 69$	$593 - 253$	$959 - 73$	$493 + 259$	
$47 + 592$	$448 - 298$	$482 - 423$	$935 + 295$	$582 - 285$
$583 + 104$	$395 - 284$	$528 + 129$	$953 - 284$	
$827 - 94$	$285 - 57$	$582 + 58$	$483 + 482$	$425 - 234$
$487 + 489$	$405 - 284$	$485 + 985$	$485 - 392$	

'Robber' Starting Point

* _ . * * *

Lesson 6.

Calculate the answer to each sum:

$$\begin{array}{r} \text{a) } 2 \ 7 \ 1 \ 1 \\ + \ 5 \ 2 \ 3 \ 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 4 \ 2 \ 1 \ 2 \\ + \ 2 \ 6 \ 4 \ 3 \\ \hline \\ \hline \end{array}$$

$3451 + 5432 = \underline{\hspace{2cm}}$

$1763 + 4342 = \underline{\hspace{2cm}}$

$1812 + 5231 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \text{c) } 1 \ 2 \ 3 \ 5 \\ + \ 3 \ 1 \ 2 \ 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{d) } 7 \ 7 \ 7 \ 7 \\ + \ 4 \ 2 \ 5 \ 3 \\ \hline \\ \hline \end{array}$$

$1083 + 2155 = \underline{\hspace{2cm}}$

$3321 + 7238 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \text{e) } 2 \ 2 \ 2 \ 1 \\ + \ 4 \ 2 \ 4 \ 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{f) } 6 \ 2 \ 2 \ 3 \\ + \ 2 \ 7 \ 5 \ 6 \\ \hline \\ \hline \end{array}$$

$7667 + 4715 = \underline{\hspace{2cm}}$

$1902 + 4873 = \underline{\hspace{2cm}}$

$1099 + 2137 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \text{e) } 9 \ 9 \ 0 \ 1 \\ + \ 1 \ 2 \ 2 \ 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{f) } 9 \ 9 \ 9 \ 9 \\ + \ 5 \ 3 \ 4 \ 2 \\ \hline \\ \hline \end{array}$$

$2561 + 6273 = \underline{\hspace{2cm}}$

Lesson 7.

1

Th	H	T	O
1,000 1,000	100 100	10 10	1 1
1,000 1,000	100 100	10	1 1
1,000			1

a) Use the place value chart to complete the calculation.

$$5,435 - 3,215 = \boxed{}$$

b) Use the place value chart to complete the calculation.

$$5,435 - 3,216 = \boxed{}$$

c) Which calculation was easier? Talk about it with a partner.

d) What happens when you don't have enough counters in a column to take away?

2

Complete the sentences.

1 ten can be exchanged for ones.

1 hundred can be exchanged for 10 _____.

1 thousand can be exchanged for _____.

3 Complete the calculations.

a)

	H	T	O	
	3	2	7	
-	1	1	9	
<hr/>				
<hr/>				

c)

	Th	H	T	O	
	9	8	4	5	
-	6	2	1	6	
<hr/>					
<hr/>					

b)

	Th	H	T	O	
	7	6	7	3	
-		1	3	4	
<hr/>					
<hr/>					

4 Complete the calculations.

a)

	H	T	O	
	3	2	7	
-	1	3	2	
<hr/>				
<hr/>				

c)

	Th	H	T	O	
	9	8	4	5	
-	2	3	6	0	
<hr/>					
<hr/>					

b)

	Th	H	T	O	
	7	6	7	3	
-		2	8	1	
<hr/>					
<hr/>					

Lesson 8.

5 Complete the calculations.

a)

		Th	H	T	O	
		3	2	7	0	
	-	1	3	2	0	

c)

		Th	H	T	O	
		9	8	4	5	
	-	1	9	2	1	

b)

		Th	H	T	O	
		7	6	7	3	
	-		7	2	1	

6 Annie is calculating $3,467 - 2,148$

Here are her workings.

		Th	H	T	O	
		3	4	6	7	
	-	2	1	4	8	
		1	3	2	1	

Do you agree with Annie? _____

Explain your answer.

- 7 A car costs £8,716
A motorbike costs £2,341 less than the car.
How much does the motorbike cost?

- 8 Jack is thinking of two 4-digit numbers.



The greater number is 6,410
The difference between the
two numbers is 3,107

What is the sum of the two numbers?

Lesson 9.

$$\begin{array}{r} \text{a) } 4 \ 7 \ 6 \ 4 \\ - 2 \ 6 \ 3 \ 0 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 5 \ 8 \ 2 \ 3 \\ - 1 \ 6 \ 1 \ 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{c) } 9 \ 3 \ 7 \ 6 \\ - 2 \ 2 \ 5 \ 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{d) } 8 \ 7 \ 5 \ 9 \\ - 3 \ 7 \ 2 \ 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{e) } 7 \ 5 \ 3 \ 9 \\ - 5 \ 4 \ 1 \ 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{f) } 8 \ 6 \ 2 \ 5 \\ - 3 \ 5 \ 1 \ 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{g) } 6 \ 9 \ 7 \ 9 \\ - 4 \ 6 \ 2 \ 1 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{h) } 6 \ 9 \ 7 \ 9 \\ - 6 \ 8 \ 5 \ 7 \\ \hline \\ \hline \end{array}$$

$$\text{a) } 9572 - 4461 = \underline{\hspace{2cm}}$$

$$\text{b) } 7491 - 6350 = \underline{\hspace{2cm}}$$

$$\text{c) } 9576 - 8451 = \underline{\hspace{2cm}}$$

$$\text{d) } 8849 - 6313 = \underline{\hspace{2cm}}$$

$$\text{e) } 8462 - 8251 = \underline{\hspace{2cm}}$$

$$\text{f) } 9375 - 1272 = \underline{\hspace{2cm}}$$

$$\text{g) } 9869 - 2537 = \underline{\hspace{2cm}}$$

$$\text{h) } 6893 - 2681 = \underline{\hspace{2cm}}$$

$$\text{i) } 9559 - 8415 = \underline{\hspace{2cm}}$$

Lesson 10.

a) 6839

$- 3749$

--	--	--	--

b) 5892

$- 2973$

--	--	--	--

c) 7842

$- 3933$

--	--	--	--

d) 7536

$- 5933$

--	--	--	--

e) $68\Box4$

$- 2\Box1\Box$

	3	2	1
--	---	---	---

f) $84\Box\Box$

$- \Box251$

3		4	1
---	--	---	---

g) $7\Box891$

$- \Box37\Box$

2	1		9
---	---	--	---

h) 7816738

$- \Box\Box\Box\Box$

2	9	7	1
---	---	---	---

a) A shop assistant buys 8572 chocolate bars for the week. At the end of the week, 1683 chocolate bars are left. How many chocolate bars were sold?



b) At a rugby match, 5726 people support the blue team and 2967 people support the yellow team. What is the difference in the number of supporters?

