

Maths Worksheets

If you are unable to print, write your answers on a sheet of paper.

Monday- Add and subtract 1s, 10s, 100s and 1,000s

1 a) $6,058 + 1 =$ b) $6,058 + 20 =$
 $6,058 + 2 =$ $6,058 + 30 =$
 $6,058 + 3 =$ $6,058 + 40 =$

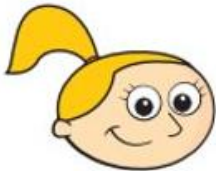
2 Mo is going to add 100 to each number.
 Circle the numbers where the 1,000s will change.
 2,450 3,928 4,180 5,905 972
 What do you notice?

3 Write the missing numbers.

a) $6,951 -$ $= 6,921$ c) $1,706 +$ $= 1,766$
 $6,951 -$ $= 6,881$ $1,706 -$ $= 906$

b) $6,421 - 700 =$ d) $3,500 -$ $= 2,700$
 $6,421 + 700 =$ $3,500 -$ $= 3,430$

Challenge: Is Eva correct?



If I keep taking ten away from the number 2,562 only the tens will change.

Monday- Add and subtract 1s, 10s, 100s and 1,000s Answers

Question

Answer

1

- a) $6,058 + 1 = 6,059$
 $6,058 + 2 = 6,060$
 $6,058 + 3 = 6,061$
- b) $6,058 + 20 = 6,078$
 $6,058 + 30 = 6,088$
 $6,058 + 40 = 6,098$

2

2,450 3,928 4,180 5,905 972

The 1,000s change when there is a 9 in the hundreds column.

3

- a) $6,951 - 30 = 6,921$
 $6,951 - 70 = 6,881$
- b) $6,421 - 700 = 5,721$
 $6,421 + 700 = 7,121$
- c) $1,706 + 60 = 1,766$
 $1,706 - 800 = 906$
- d) $3,500 - 800 = 2,700$
 $3,500 - 70 = 3,430$

Challenge:

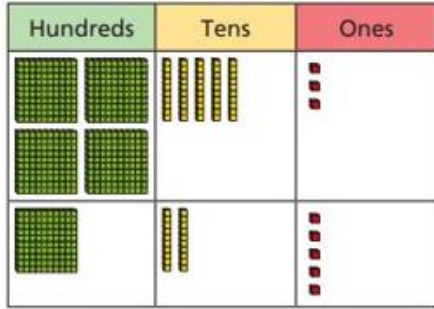
No, Eva is incorrect. When she has taken 10 away five times, her number will be 2,062. The next time that she takes 10 away, her number will be 1,962, so the thousands will also change.

Tuesday - Add two 3-digit numbers - not crossing 10 or 100

1

Complete the column addition.

Use base 10 to help you.



	H	T	O
	4	5	3
+	1	2	5

2

Mrs Morgan drives 230 km on Monday.

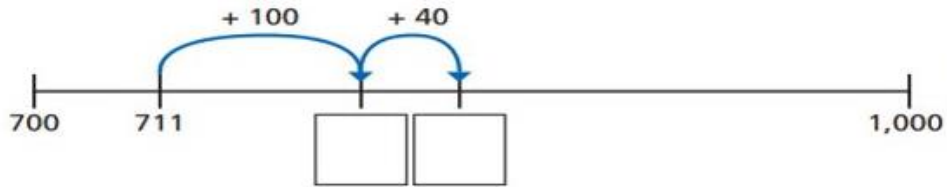
On Tuesday she drives 169 km.

How far does she drive in total on Monday and Tuesday?

3

Complete the number line to work out the addition.

$$711 + 140 = \boxed{}$$



Challenge:

Three children each work out an addition problem.

- Each child uses the same six digits.
- Each addition gives the same answer of 888
- Each child adds two different numbers together.

Work out a possible set of addition problems.

	H	T	O
+			
	8	8	8

	H	T	O
+			
	8	8	8

	H	T	O
+			
	8	8	8

Tuesday - Add two 3-digit numbers - not crossing 10 or 100 Answers

Question

1

Answer

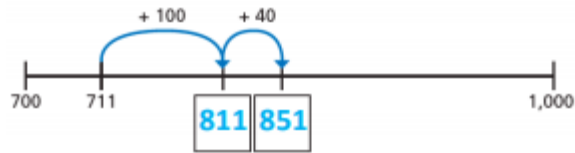
	H	T	O
	4	5	3
+	1	2	5
	<u>5</u>	<u>7</u>	<u>8</u>

2

399 km

3

a) $711 + 140 = 851$



Challenge:

multiple possible answers, e.g.:

	H	T	O
	1	2	3
+	7	6	5
	8	8	8

	H	T	O
	3	7	2
+	5	1	6
	8	8	8

	H	T	O
	2	1	5
+	6	7	3
	8	8	8

Wednesday - Add two 4-digit numbers - no exchange

1 Complete the calculations.

a) $4,122 + 2,605 =$

b) $3,709 + 4,160 =$

c) $247 + 1,032 =$

d) $3,007 + 560 =$

2

Alex is calculating $5,702 + 125$

	Th	H	T	O	
	5	7	0	2	
+	1	2	5		
	6	9	5	2	

Do you agree with Alex? _____

Explain your answer.

Complete the calculation.

$5,702 + 125 =$

3 The distance from Scotland to France is 1,550 km.

The distance from France to Spain is 1,002 km.

Teddy is travelling from Scotland to France and then France to Spain.

How far will he travel in total?

Challenge: Complete the calculation.

$2,415 + 5,142 =$

What do you notice about the numbers in the question?

How does this affect the answer?

Wednesday - Add two 4-digit numbers - no exchange **Answers**

Question	Answer
1	a) 6,727 b) 7,869 c) 1,279 d) 3,567
2	No. Alex has not lined up the digits correctly. 5,827
3	2,552 km

Challenge:

7,557

One number is the reverse of the other, so the answer is the same forwards and backwards.

Thursday - Add two 3-digit numbers - crossing 10 or 100

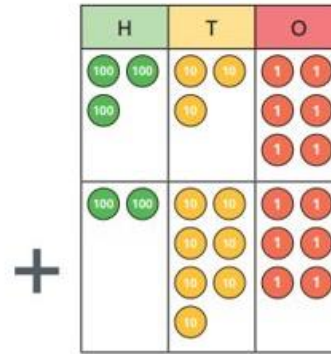
1 Tick the additions that need an exchange of ones for a ten.

	H	T	O		H	T	O		H	T	O
	2	3	8		4	2	7		3	0	8
+	1	4	1	+	2	6	8	+	1	5	1
<hr/>											

How do you know if an addition needs to exchange 10 ones for a ten?

2

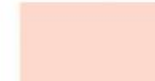
Dani uses counters to represent an addition.



a) What addition is Dani trying to work out?

b) Work out the answer to the addition.

c) How many exchanges did you have to do?



3 Tick the additions with an answer that ends in zero.

317 + 203	<input type="checkbox"/>	192 + 784	<input type="checkbox"/>	390 + 177	<input type="checkbox"/>
455 + 165	<input type="checkbox"/>	386 + 184	<input type="checkbox"/>	319 + 501	<input type="checkbox"/>

Challenge:

Dexter bakes 148 biscuits on Monday.

On Tuesday he bakes 273 more biscuits than he did on Monday.

a) How many biscuits does Dexter bake on Tuesday?

b) How many biscuits does he bake in total on Monday and Tuesday?

Thursday - Add two 3-digit numbers - crossing 10 or 100 **Answers**

Question	Answer																																																													
1	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th></th> <th>H</th> <th>T</th> <th>O</th> <th></th> <th>H</th> <th>T</th> <th>O</th> <th></th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td></td> <td>2</td> <td>3</td> <td>8</td> <td></td> <td>4</td> <td>2</td> <td>7</td> <td>✓</td> <td>3</td> <td>0</td> <td>8</td> </tr> <tr> <td>+</td> <td>1</td> <td>4</td> <td>1</td> <td>+</td> <td>2</td> <td>6</td> <td>8</td> <td></td> <td>+</td> <td>1</td> <td>5</td> <td>1</td> </tr> <tr> <td colspan="3" style="border-top: 1px solid black;"></td> <td colspan="3" style="border-top: 1px solid black;"></td> <td colspan="3" style="border-top: 1px solid black;"></td> <td colspan="3" style="border-top: 1px solid black;"></td> </tr> <tr> <td colspan="3" style="border-top: 1px solid black;"></td> <td colspan="3" style="border-top: 1px solid black;"></td> <td colspan="3" style="border-top: 1px solid black;"></td> <td colspan="3" style="border-top: 1px solid black;"></td> </tr> </tbody> </table> <p>The ones column adds up to more than 9</p>		H	T	O		H	T	O		H	T	O		2	3	8		4	2	7	✓	3	0	8	+	1	4	1	+	2	6	8		+	1	5	1																								
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Challenge:

-
- a) 421
 b) 569
-

Friday - Add two 4-digit numbers - one exchange

1 Complete the calculations.

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

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

c) $6,792 + 163 =$

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

2 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/>				

3 Fill in the missing digits.

a)

	Th	H	T	O
	3		2	
+		4		6
<hr/>				
	8	7	9	1

b)

	Th	H	T	O
+	3	8	2	1
<hr/>				
	8	7	9	1

Challenge:



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?

Friday - Add two 4-digit numbers - one exchange **Answers**

Question

1

2

3

Answer

- a) 6,982
- b) 6,975
- c) 6,955
- d) 5,177

Challenge:

| A and C, A and D, B and D

	Th	H	T	O
	5	1	6	3
+	2	4	5	1
	7	6	1	4
		1		

	Th	H	T	O
	7	2	6	1
+	1	0	2	9
	8	2	9	0
		1		

a)

	Th	H	T	O
	3	3	2	5
+	5	4	6	6
	8	7	9	1

b)

	Th	H	T	O
	4	9	7	0
+	3	8	2	1
	8	7	9	1

Monday (16th Nov) - Add two 4-digit numbers - more than one exchange

1 Complete the additions.

a)

	Th	H	T	O
	4	7	1	2
+	3	4	9	2
<hr/>				

c) $3,784 + 2,526$

b)

	Th	H	T	O
	6	0	7	5
+		9	4	8
<hr/>				

d) $79 + 654 + 1,312$

Challenge:

Dexter is playing a computer game.

The table shows the number of points he gets in each round.

Round	1	2	3
Number of points	3,550	2,175	1,895

a) How many points does Dexter have at the end of Round 2?

b) He needs 8,000 by the end of Round 3 to win the game.

Does Dexter win the game? _____

Show your workings.

2

Write each calculation in the correct column.

$712 + 394$

$1,312 + 2,527$

$2,350 + 3,760$

$1,995 + 712$

$3,044 + 2,372$

$17 + 953$

No exchange needed	One exchange	More than one exchange

Monday (16th Nov) - Add two 4-digit numbers - more than one exchange **Answers**

Question

1

Answer

a)

	Th	H	T	O
	4	7	1	2
+	3	4	9	2
	<u>8</u>	<u>2</u>	<u>0</u>	<u>4</u>
	1	1		

b)

	Th	H	T	O
	6	0	7	5
+		9	4	8
	<u>7</u>	<u>0</u>	<u>2</u>	<u>3</u>
	1	1	1	

c)

	3	7	8	4
+	2	5	2	6
	<u>6</u>	<u>3</u>	<u>1</u>	<u>0</u>
	1	1	1	

d)

			7	9
			6	5
+	1	3	1	2
	<u>2</u>	<u>0</u>	<u>4</u>	<u>5</u>
	1	1	1	

Challenge:

- a) 5,725
- b) No, he has 7,620 points.

2

No exchange needed	One exchange	More than one exchange
1,312 + 2,527	3,044 + 2,372 17 + 953	712 + 394 1,995 + 712 2,350 + 3,760