3-Digit Column Addition with Regrouping

1.					2.					3.					4.			
	4	5	5			2	7	1			5	9	0			1	9	9
+	4	3	6		+	1	4	3		+	3	4	5		+	2	9	1
5.					6.					7.					8.			
	3	7	4			8	7	9			6	0	8			9	1	4
+	1	3	6		+		5	1		+	2	3	4		+		2	7

Find the missing numbers in the calculations.

9.					10.					11.					12.			
	3	9	4			1	7	☐			2	2	9			2	4	☐
+	☐	2	☐		+	1	☐	5		+	☐	4	☐		+	☐	8	8
	5	1	6			3	1	8			5	7	2			5	3	1
	1					1						1				1	☐	

Explain the mistake that has been made.

	2	4	7
+	8	1	

Sort the addition calculations into the table.

No Exchange	Exchange Ones	Exchange Tens

427 + 143 356 + 28 356 + 82

234 + 105 782 + 133 801 + 147

twinkl Quality Standard Approved
Proudly Teacher Created
Subtract the stress, multiply the fun — try our Maths App!
twinkl.co.uk/apps/maths
MATHS APP

3-Digit Column Addition with Regrouping Answers

1.					2.					3.					4.			
	4	5	5			2	7	1			5	9	0			1	9	9
+	4	3	6		+	1	4	3		+	3	4	5		+	2	9	1
	8	**9**	**1**			**4**	**1**	**4**			**9**	**3**	**5**			**4**	**9**	**0**
		1				1					1					1	1	

5.					6.					7.					8.			
	3	7	4			8	7	9			6	0	8			9	1	4
+	1	3	6		+		5	1		+	2	3	4		+		2	7
	5	**1**	**0**			**9**	**3**	**0**			**8**	**4**	**2**			**9**	**4**	**1**
	1	1				1	1					1					1	

Find the missing numbers in the calculations.

9.					10.					11.					12.			
	3	9	4			1	7	**3**			2	2	9			2	4	**3**
+	**1**	2	**2**		+	1	**4**	5		+	**3**	4	**3**		+	**2**	8	8
	5	1	6			3	1	8			5	7	2			5	3	1
	1					1						1				1	**1**	

Explain the mistake that has been made.

	2	4	7
+	8	1	

Answer may vary. Example answer:

The 8 tens and 1 one have been placed in the wrong place value columns. The 8 should be in the tens column and the 1 should be in the ones column.

Adding this to 247 gives an answer of 328.

Sort the addition calculations into the table.

No Exchange	Exchange Ones	Exchange Tens
234 + 105	**427 + 143**	**356 + 82**
801 + 147	**356 + 28**	**782 + 133**

twinkl Quality Standard Approved
Proudly Teacher Created
Subtract the stress, multiply the fun — try our Maths App!
twinkl.co.uk/apps/maths
MATHS APP