

# Addition With 5 Digit Numbers: Answers

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question	answer
1	100 938
2	97 000
3	109 937
4	84 270
5	143 605
6	163 496
7	170 516
8	160 189
9	80 383
10	145 847
11	151 010
12	42 984

# Subtraction With 5 Digit Numbers: Answers

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question	answer
1	60 387
2	29 293
3	13 831
4	14 312
5	20 473
6	32 958
7	52 338
8	16 291
9	13 507
10	32 973
11	9129
12	14 641

# Mental Maths Adding: Answers

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question	answer
1	£1.40 or 140p
2	57
3	£8.00
4	102
5	37
6	145
7	£1.91 or 191p
8	67
9	170
10	80kg
11	£1.32 or 132p
12	119 seconds
13	100
14	110
15	85p
16	40
17	60
18	£1.23 or 123p
19	£1.24 or 124p
20	83

# Subtracting Multiples of 1000: Answers

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question	answer
1	3438
2	1049
3	4823
4	2234
5	1905
6	2369
7	3099
8	997
9	1804
10	4993
11	661
12	1880
13	2820
14	2713
15	778
16	6052
17	10 993
18	49 702
19	86 362
20	199 905
21	185 641
22	498 785
23	70 043
24	600 234
25	65 382
26	646 802
27	84 863
28	591 788
29	73 261
30	990 000

# Adding Multiples of 1000: Answers

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question	answer
1	4358
2	7829
3	12 083
4	8850
5	10 862
6	7409
7	8749
8	9597
9	9006
10	7385
11	10 763
12	12 015
13	9530
14	9165
15	8708
16	19 666
17	18 647
18	37 902
19	33 023
20	306 456
21	160 982
22	297 505
23	65 903
24	710 034
25	45 892
26	587 902
27	85 672
28	406 084
29	64 271
30	1 002 000

# Mental Calculations Challenge: Answers

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question	answer
1	130
2	20.74
3	25
4	129
5	10 002
6	345
7	1.1
8	99.9
9	127.2
10	509
11	3115
12	46 942
13	-26
14	90 000
15	5461
16	389

# Using Rounding to Check Answers: Answers

question	answer		
	Rounded Approximation	Does the original answer look correct based on rounded estimation?	Corrected Answer if necessary (You may need to recalculate)
1	$600 + 400 = 1000$	No	1006
2	$900 + 200 = 1100$	Yes	
3	$200 + 300 = 500$	Yes	
4	$500 + 600 = 1100$	No	1072.21
5	$4600 + 3200 = 7800$	Yes	
6	$5400 + 2400 = 7800$	Yes	
7	$4900 + 2700 = 7600$	No	7592.43
8	$97400 + 87700 = 185100$	No	185112
	Rounded Approximation	Does the original answer look correct based on rounded estimation?	Corrected Answer if necessary (You may need to recalculate)
1.	$370 + 290 = 560$	Yes	
2.	$550 + 340 = 890$	Yes	
3.	$780 + 330 = 1110$	Yes	
4.	$230 + 170 = 400$	No	407.7
5.	$900 + 400 = 1300$	Yes	
6.	$350 + 380 = 730$	No	723.76
7.	$1760 + 40 = 1800$	No	1800.21
8.	$4870 + 150 = 5020$	Yes	

# Rounding in Context: Answers

question	answer		
	Units	Rounded Answer	Reasoning
1	metres	8 metres	If the shop sells rope in metre lengths only, Charlie will have to round his answer up to make sure he has enough.
2	minibuses	11 minibuses	The answer needs to be rounded up to ensure everyone can get on a bus.
3	nights	27 nights	The answer needs to be rounded up because even though she reads fewer pages on the last night, she still needs that last night to get to the end of the book.
4	people	63 million	Here the answer can be rounded to the nearest million to make it simpler for a quiz. Also as people are being born and dying all the time, there cannot be a single exact answer.
5	Square metres	10 square metres	The answer needs to be rounded up to make sure David's dad has enough carpet to cover the floor.
6	Hours/minutes/seconds	6 hours	Answer is rounded to the nearest hour because anyone asking them would most likely not be interested in the exact minutes and seconds, just an idea of how long the journey took.



# Multi-Step Addition and Subtraction Problems: Answers

question	answer	
1	$1845 - (490 + 146)$	<b>£1209</b>
2	$32164 - (25412 + 3849) =$	<b>2903 people</b>
3	$(85000 - 47233) + 85000 =$	<b>122 767 bags</b>
4	$28640 - ((12 \times 217) + 19385)$	<b>£6471</b>
5	$69 \text{ BC} + 39 = 30 \text{ BC}$ $30 \text{ BC} - 30 + ? = 2015$ (Answer depends on current year - 2015 has been used for this answer)	2045 years ago