Α	Add.		#	Correct
1	40 + 3 =	23	45 + 44 =	
2	40 + 8 =	24	44 + 45 =	
3	40 + 9 =	25	30 + 20 =	
4	40 + 10 =	26	34 + 20 =	
5	41 + 10 =	27	34 + 21 =	
6	42 + 10 =	28	34 + 25 =	
7	45 + 10 =	29	34 + 52 =	
8	45 + 11 =	30	50 + 30 =	
9	45 + 12 =	31	56 + 30 =	
10	44 + 12 =	32	56 + 31 =	
11	43 + 12 =	33	56 + 32 =	
12	43 + 13 =	34	32 + 56 =	
13	13 + 43 =	35	23 + 56 =	
14	40 + 20 =	36	24 + 75 =	
15	41 + 20 =	37	16 + 73 =	
16	42 + 20 =	38	34 + 54 =	
17	47 + 20 =	39	62 + 37 =	
18	47 + 30 =	40	45 + 34 =	
19	47 + 40 =	41	27 + 61 =	
20	47 + 41 =	42	16 + 72 =	
21	47 + 42 =	43	36 + 42 =	

44



22

Lesson 3: Date:

45 + 42 =

Add multiples of 100 and some tens within 1,000. 10/23/13



32 + 54 =

в	Add.	Improvement _	# Correct
1	50 + 3 =	23	55 + 44 =
2	50 + 8 =	24	44 + 55 =
3	50 + 9 =	25	40 + 20 =
4	50 + 10 =	26	44 + 20 =
5	51 + 10 =	27	44 + 21 =
6	52 + 10 =	28	44 + 25 =
7	55 + 10 =	29	44 + 52 =
8	55 + 11 =	30	60 + 30 =
9	55 + 12 =	31	66 + 30 =
10	54 + 12 =	32	66 + 31 =
11	53 + 12 =	33	66 + 32 =
12	53 + 13 =	34	32 + 66 =
13	13 + 43 =	35	23 + 66 =
14	50 + 20 =	36	25 + 74 =
15	51 + 20 =	37	13 + 76 =
16	52 + 20 =	38	43 + 45 =
17	57 + 20 =	39	26 + 73 =
18	57 + 30 =	40	54 + 43 =
19	57 + 40 =	41	72 + 16 =
20	57 + 41 =	42	61 + 27 =
21	57 + 42 =	43	63 + 24 =
22	55 + 42 =	44	32 + 45 =



Lesson 3: Date: Add multiples of 100 and some tens within 1,000. 10/23/13



5.A.34

1 2 3 4 5 6 7	tract. 33 - 22 =			
3 4 5 6 7		23	99 - 32 =	
4 5 6 7	44 - 33 =	24	86 - 32 =	
5 6 7	55 - 44 =	25	79 - 32 =	
6 7	99 - 88 =	26	79 - 23 =	
7	33 - 11 =	27	68 - 13 =	
\vdash	44 - 22 =	28	69 - 23 =	
	55 - 33 =	29	89 - 14 =	
8	88 - 22 =	30	77 - 12 =	
9	66 - 22 =	31	57 - 12 =	
10	43 - 11 =	32	77 - 32 =	
11	34 - 11 =	33	99 - 36 =	
12	45 - 11 =	34	88 - 25 =	
13	46 - 12 =	35	89 - 36 =	
14	55 - 12 =	36	98 - 16 =	
15	54 - 12 =	37	78 - 26 =	
16	55 - 21 =	38	99 - 37 =	
17	64 - 21 =	39	89 - 38 =	
18	63 - 21 =	40	59 - 28 =	
19	45 - 21 =	41	99 - 58 =	
20	34 - 12 =	42	99 - 45 =	
21	43 - 21 =	43	78 - 43 =	
22	54 - 32 =	44	98 - 73 =	



Lesson 4: Date: Subtract multiples of 100 and some tens within 1,000. 10/23/13



5.A.45

в	Subtract.	Improvement		# Correct
1	33 - 11 =	23	99 - 42 =	
2	44 - 11 =	24	79 - 32 =	
3	55 - 11 =	25	89 - 52 =	
4	88 - 11 =	26	99 - 23 =	
5	33 - 22 =	27	79 - 13 =	
6	44 - 22 =	28	79 - 23 =	
7	55 - 22 =	29	99 - 14 =	
8	99 - 22 =	30	87 - 12 =	
9	77 - 22 =	31	77 - 12 =	
10	34 - 11 =	32	87 - 32 =	
11	43 - 11 =	33	99 - 36 =	
12	54 - 11 =	34	78 - 25 =	
13	55 - 12 =	35	79 - 36 =	
14	46 - 12 =	36	88 - 16 =	
15	44 - 12 =	37	88 - 26 =	
16	64 21 =	38	89 - 37 =	
17	55 - 21 =	39	99 - 38 =	
18	53 - 21 =	40	69 - 28 =	
19	44 - 21 =	41	89 - 58 =	
20	34 - 22 =	42	99 - 45 =	
21	43 - 22 =	43	68 - 43 =	
22	54 - 22 =	44	98 - 72 =	



Lesson 4: Date: Subtract multiples of 100 and some tens within 1,000. 10/23/13



5.A.46

1 $38 + 1 =$ 23 $85 + 7 =$ 2 $47 + 2 =$ 24 $85 + 9 =$ 3 $56 + 3 =$ 25 $76 + 4 -$ 4 $65 + 4 =$ 26 $76 + 5 =$ 5 $31 + 8 =$ 27 $76 + 6 =$ 6 $42 + 7 =$ 28 $76 + 9 =$ 7 $53 + 6 =$ 29 $64 + 6 =$ 8 $64 + 5 =$ 30 $64 + 7 =$ 9 $49 + 1 =$ 31 $76 + 8 =$ 10 $49 + 2 =$ 32 $43 + 7 =$ 11 $49 + 3 =$ 33 $43 + 8 =$ 12 $49 + 5 =$ 34 $43 + 9 =$ 13 $58 + 2 =$ 35 $52 + 8 =$ 14 $58 + 3 =$ 36 $52 + 9 =$ 15 $58 + 4 =$ 37 $59 + 1 =$ 16 $58 + 6 =$ 38 $59 + 3 =$ 17 $67 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$ 22 $85 + 6 =$ 44 $35 + 8 =$	A	Add.			# Correct
3 $56 + 3 =$ 25 $76 + 4 -$ 4 $65 + 4 =$ 26 $76 + 5 =$ 5 $31 + 8 =$ 27 $76 + 6 =$ 6 $42 + 7 =$ 28 $76 + 9 =$ 7 $53 + 6 =$ 29 $64 + 6 =$ 8 $64 + 5 =$ 30 $64 + 7 =$ 9 $49 + 1 =$ 31 $76 + 8 =$ 10 $49 + 2 =$ 32 $43 + 7 =$ 11 $49 + 3 =$ 33 $43 + 8 =$ 12 $49 + 5 =$ 34 $43 + 9 =$ 13 $58 + 2 =$ 35 $52 + 8 =$ 14 $58 + 3 =$ 36 $52 + 9 =$ 15 $58 + 4 =$ 37 $59 + 1 =$ 16 $58 + 6 =$ 38 $59 + 3 =$ 17 $67 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$			23	85 +	7 =
4 $65 + 4 =$ 26 $76 + 5 =$ 5 $31 + 8 =$ 27 $76 + 6 =$ 6 $42 + 7 =$ 28 $76 + 9 =$ 7 $53 + 6 =$ 29 $64 + 6 =$ 8 $64 + 5 =$ 30 $64 + 7 =$ 9 $49 + 1 =$ 31 $76 + 8 =$ 10 $49 + 2 =$ 32 $43 + 7 =$ 11 $49 + 3 =$ 33 $43 + 8 =$ 12 $49 + 5 =$ 34 $43 + 9 =$ 13 $58 + 2 =$ 35 $52 + 8 =$ 14 $58 + 3 =$ 36 $52 + 9 =$ 15 $58 + 4 =$ 37 $59 + 1 =$ 16 $58 + 6 =$ 38 $59 + 3 =$ 17 $67 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$	2	47 + 2 =	24	85 +	9 =
5 $31 + 8 =$ 27 $76 + 6 =$ 6 $42 + 7 =$ 28 $76 + 9 =$ 7 $53 + 6 =$ 29 $64 + 6 =$ 8 $64 + 5 =$ 30 $64 + 7 =$ 9 $49 + 1 =$ 31 $76 + 8 =$ 10 $49 + 2 =$ 32 $43 + 7 =$ 11 $49 + 3 =$ 33 $43 + 8 =$ 12 $49 + 5 =$ 34 $43 + 9 =$ 13 $58 + 2 =$ 35 $52 + 8 =$ 14 $58 + 3 =$ 36 $52 + 9 =$ 15 $58 + 4 =$ 37 $59 + 1 =$ 16 $58 + 6 =$ 38 $59 + 3 =$ 17 $67 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$	3	56 + 3 =	25	76 +	4 -
6 $42 + 7 =$ 28 $76 + 9 =$ 7 $53 + 6 =$ 29 $64 + 6 =$ 8 $64 + 5 =$ 30 $64 + 7 =$ 9 $49 + 1 =$ 31 $76 + 8 =$ 10 $49 + 2 =$ 32 $43 + 7 =$ 11 $49 + 3 =$ 33 $43 + 8 =$ 12 $49 + 5 =$ 34 $43 + 9 =$ 13 $58 + 2 =$ 35 $52 + 8 =$ 14 $58 + 3 =$ 36 $52 + 9 =$ 15 $58 + 4 =$ 37 $59 + 1 =$ 16 $58 + 6 =$ 38 $59 + 3 =$ 17 $67 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$	4	65 + 4 =	26	76 +	5 =
7 $53+6=$ 29 $64+6=$ 8 $64+5=$ 30 $64+7=$ 9 $49+1=$ 31 $76+8=$ 10 $49+2=$ 32 $43+7=$ 11 $49+3=$ 33 $43+8=$ 12 $49+5=$ 34 $43+9=$ 13 $58+2=$ 35 $52+8=$ 14 $58+3=$ 36 $52+9=$ 15 $58+4=$ 37 $59+1=$ 16 $58+6=$ 38 $59+3=$ 17 $67+3=$ 39 $58+2=$ 18 $57+4=$ 40 $58+4=$ 19 $57+5=$ 41 $77+3=$ 20 $57+7=$ 42 $77+5=$ 21 $85+5=$ 43 $35+5=$	5	31 + 8 =	27	76 +	6 =
8 $64 + 5 =$ 30 $64 + 7 =$ 9 $49 + 1 =$ 31 $76 + 8 =$ 10 $49 + 2 =$ 32 $43 + 7 =$ 11 $49 + 3 =$ 33 $43 + 8 =$ 12 $49 + 5 =$ 34 $43 + 9 =$ 13 $58 + 2 =$ 35 $52 + 8 =$ 14 $58 + 3 =$ 36 $52 + 9 =$ 15 $58 + 4 =$ 37 $59 + 1 =$ 16 $58 + 6 =$ 38 $59 + 3 =$ 17 $67 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$	6	42 + 7 =	28	76 +	9 =
9 $49 + 1 =$ 31 $76 + 8 =$ 10 $49 + 2 =$ 32 $43 + 7 =$ 11 $49 + 3 =$ 33 $43 + 8 =$ 12 $49 + 5 =$ 34 $43 + 9 =$ 13 $58 + 2 =$ 35 $52 + 8 =$ 14 $58 + 3 =$ 36 $52 + 9 =$ 15 $58 + 4 =$ 37 $59 + 1 =$ 16 $58 + 6 =$ 38 $59 + 3 =$ 17 $67 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$	7	53 + 6 =	29	64 +	6 =
10 $49 + 2 =$ 32 $43 + 7 =$ 11 $49 + 3 =$ 33 $43 + 8 =$ 12 $49 + 5 =$ 34 $43 + 9 =$ 13 $58 + 2 =$ 35 $52 + 8 =$ 14 $58 + 3 =$ 36 $52 + 9 =$ 15 $58 + 4 =$ 37 $59 + 1 =$ 16 $58 + 6 =$ 38 $59 + 3 =$ 17 $67 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$	8	64 + 5 =	30	64 +	7 =
11 $49 + 3 =$ 33 $43 + 8 =$ 12 $49 + 5 =$ 34 $43 + 9 =$ 13 $58 + 2 =$ 35 $52 + 8 =$ 14 $58 + 3 =$ 36 $52 + 9 =$ 15 $58 + 4 =$ 37 $59 + 1 =$ 16 $58 + 6 =$ 38 $59 + 3 =$ 17 $67 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$	9	49 + 1 =	31	76 +	8 =
12 $49+5=$ 34 $43+9=$ 13 $58+2=$ 35 $52+8=$ 14 $58+3=$ 36 $52+9=$ 15 $58+4=$ 37 $59+1=$ 16 $58+6=$ 38 $59+3=$ 17 $67+3=$ 39 $58+2=$ 18 $57+4=$ 40 $58+4=$ 19 $57+5=$ 41 $77+3=$ 20 $57+7=$ 42 $77+5=$ 21 $85+5=$ 43 $35+5=$	10	49 + 2 =	32	43 +	7 =
13 $58 + 2 =$ 35 $52 + 8 =$ 14 $58 + 3 =$ 36 $52 + 9 =$ 15 $58 + 4 =$ 37 $59 + 1 =$ 16 $58 + 6 =$ 38 $59 + 3 =$ 17 $67 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$	11	49 + 3 =	33	43 +	8 =
14 $58 + 3 =$ 36 $52 + 9 =$ 15 $58 + 4 =$ 37 $59 + 1 =$ 16 $58 + 6 =$ 38 $59 + 3 =$ 17 $67 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$	12	49 + 5 =	34	43 +	9 =
15 $58 + 4 =$ 37 $59 + 1 =$ 16 $58 + 6 =$ 38 $59 + 3 =$ 17 $67 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$	13	58 + 2 =	35	52 +	8 =
16 $58 + 6 =$ 38 $59 + 3 =$ 17 $67 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$	14	58 + 3 =	36	52 +	9 =
17 $67 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$	15	58 + 4 =	37	59 +	1 =
18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $77 + 3 =$ 20 $57 + 7 =$ 42 $77 + 5 =$ 21 $85 + 5 =$ 43 $35 + 5 =$	16	58 + 6 =	38	59 +	3 =
19 57 + 5 = 41 77 + 3 = 20 57 + 7 = 42 77 + 5 = 21 85 + 5 = 43 35 + 5 =	17	67 + 3 =	39	58 +	2 =
20 57 + 7 = 42 77 + 5 = 21 85 + 5 = 43 35 + 5 =	18	57 + 4 =	40	58 +	4 =
21 85 + 5 = 43 35 + 5 =	19	57 + 5 =	41	77 +	3 =
	20	57 + 7 =	42	77 +	5 =
22 85 + 6 = 44 35 + 8 =	21	85 + 5 =	43	35 +	5 =
	22	85 + 6 =	44	35 +	8 =

© Bill Davidson



Lesson 8: Date:

Relate manipulative representations to the addition algorithm. 10/23/13



5.B.10

1 $28 + 1 =$ 23 $75 + 7 =$ 2 $37 + 2 =$ 24 $75 + 9 =$ 3 $46 + 3 =$ 25 $66 + 4 =$ 4 $55 + 4 =$ 26 $66 + 5 =$ 5 $21 + 8 =$ 27 $66 + 6 =$ 6 $32 + 7 =$ 28 $66 + 9 =$ 7 $43 + 6 =$ 29 $54 + 6 =$ 8 $54 + 5 =$ 30 $54 + 7 =$ 9 $39 + 1 =$ 31 $54 + 8 =$ 10 $39 + 2 =$ 32 $33 + 7 =$ 11 $39 + 3 =$ 33 $33 + 8 =$ 12 $39 + 5 =$ 34 $33 + 9 =$ 13 $48 + 2 =$ 35 $42 + 8 =$ 14 $48 + 3 =$ 36 $42 + 9 =$ 15 $48 + 4 =$ 37 $49 + 1 =$ 16 $48 + 6 =$ 38 $49 + 3 =$ 17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	в	Add.	Improvement	t #	# Correct
3 $46 + 3 =$ 25 $66 + 4 =$ 4 $55 + 4 =$ 26 $66 + 5 =$ 5 $21 + 8 =$ 27 $66 + 6 =$ 6 $32 + 7 =$ 28 $66 + 9 =$ 7 $43 + 6 =$ 29 $54 + 6 =$ 8 $54 + 5 =$ 30 $54 + 7 =$ 9 $39 + 1 =$ 31 $54 + 8 =$ 10 $39 + 2 =$ 32 $33 + 7 =$ 11 $39 + 3 =$ 33 $33 + 8 =$ 12 $39 + 5 =$ 34 $33 + 9 =$ 13 $48 + 2 =$ 35 $42 + 8 =$ 14 $48 + 3 =$ 36 $42 + 9 =$ 15 $48 + 4 =$ 37 $49 + 1 =$ 16 $48 + 6 =$ 38 $49 + 3 =$ 17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	1	28 + 1 =	23	75 + 7 =	
4 $55 + 4 =$ 26 $66 + 5 =$ 5 $21 + 8 =$ 27 $66 + 6 =$ 6 $32 + 7 =$ 28 $66 + 9 =$ 7 $43 + 6 =$ 29 $54 + 6 =$ 8 $54 + 5 =$ 30 $54 + 7 =$ 9 $39 + 1 =$ 31 $54 + 8 =$ 10 $39 + 2 =$ 32 $33 + 7 =$ 11 $39 + 3 =$ 33 $33 + 8 =$ 12 $39 + 5 =$ 34 $33 + 9 =$ 13 $48 + 2 =$ 35 $42 + 8 =$ 14 $48 + 3 =$ 36 $42 + 9 =$ 15 $48 + 4 =$ 37 $49 + 1 =$ 16 $48 + 6 =$ 38 $49 + 3 =$ 17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	2	37 + 2 =	24	75 + 9 =	
5 $21+8=$ 27 $66+6=$ 6 $32+7=$ 28 $66+9=$ 7 $43+6=$ 29 $54+6=$ 8 $54+5=$ 30 $54+7=$ 9 $39+1=$ 31 $54+8=$ 10 $39+2=$ 32 $33+7=$ 11 $39+3=$ 33 $33+8=$ 12 $39+5=$ 34 $33+9=$ 13 $48+2=$ 35 $42+8=$ 14 $48+3=$ 36 $42+9=$ 15 $48+4=$ 37 $49+1=$ 16 $48+6=$ 38 $49+3=$ 17 $57+3=$ 39 $58+2=$ 18 $57+4=$ 40 $58+4=$ 19 $57+5=$ 41 $67+3=$ 20 $57+7=$ 42 $67+5=$ 21 $75+5=$ 43 $85+5=$	3	46 + 3 =	25	66 + 4 =	
6 $32 + 7 =$ 28 $66 + 9 =$ 7 $43 + 6 =$ 29 $54 + 6 =$ 8 $54 + 5 =$ 30 $54 + 7 =$ 9 $39 + 1 =$ 31 $54 + 8 =$ 10 $39 + 2 =$ 32 $33 + 7 =$ 11 $39 + 3 =$ 33 $33 + 8 =$ 12 $39 + 5 =$ 34 $33 + 9 =$ 13 $48 + 2 =$ 35 $42 + 8 =$ 14 $48 + 3 =$ 36 $42 + 9 =$ 15 $48 + 4 =$ 37 $49 + 1 =$ 16 $48 + 6 =$ 38 $49 + 3 =$ 17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	4	55 + 4 =	26	66 + 5 =	
7 $43 + 6 =$ 29 $54 + 6 =$ 8 $54 + 5 =$ 30 $54 + 7 =$ 9 $39 + 1 =$ 31 $54 + 8 =$ 10 $39 + 2 =$ 32 $33 + 7 =$ 11 $39 + 3 =$ 33 $33 + 8 =$ 12 $39 + 5 =$ 34 $33 + 9 =$ 13 $48 + 2 =$ 35 $42 + 8 =$ 14 $48 + 3 =$ 36 $42 + 9 =$ 15 $48 + 4 =$ 37 $49 + 1 =$ 16 $48 + 6 =$ 38 $49 + 3 =$ 17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	5	21 + 8 =	27	66 + 6 =	
8 $54 + 5 =$ 30 $54 + 7 =$ 9 $39 + 1 =$ 31 $54 + 8 =$ 10 $39 + 2 =$ 32 $33 + 7 =$ 11 $39 + 3 =$ 33 $33 + 8 =$ 12 $39 + 5 =$ 34 $33 + 9 =$ 13 $48 + 2 =$ 35 $42 + 8 =$ 14 $48 + 3 =$ 36 $42 + 9 =$ 15 $48 + 4 =$ 37 $49 + 1 =$ 16 $48 + 6 =$ 38 $49 + 3 =$ 17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	6	32 + 7 =	28	66 + 9 =	
9 $39 + 1 =$ 31 $54 + 8 =$ 10 $39 + 2 =$ 32 $33 + 7 =$ 11 $39 + 3 =$ 33 $33 + 8 =$ 12 $39 + 5 =$ 34 $33 + 9 =$ 13 $48 + 2 =$ 35 $42 + 8 =$ 14 $48 + 3 =$ 36 $42 + 9 =$ 15 $48 + 4 =$ 37 $49 + 1 =$ 16 $48 + 6 =$ 38 $49 + 3 =$ 17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	7	43 + 6 =	29	54 + 6 =	
10 $39 + 2 =$ 32 $33 + 7 =$ 11 $39 + 3 =$ 33 $33 + 8 =$ 12 $39 + 5 =$ 34 $33 + 9 =$ 13 $48 + 2 =$ 35 $42 + 8 =$ 14 $48 + 3 =$ 36 $42 + 9 =$ 15 $48 + 4 =$ 37 $49 + 1 =$ 16 $48 + 6 =$ 38 $49 + 3 =$ 17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	8	54 + 5 =	30	54 + 7 =	
11 $39 + 3 =$ 33 $33 + 8 =$ 12 $39 + 5 =$ 34 $33 + 9 =$ 13 $48 + 2 =$ 35 $42 + 8 =$ 14 $48 + 3 =$ 36 $42 + 9 =$ 15 $48 + 4 =$ 37 $49 + 1 =$ 16 $48 + 6 =$ 38 $49 + 3 =$ 17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	9	39 + 1 =	31	54 + 8 =	
12 $39 + 5 =$ 34 $33 + 9 =$ 13 $48 + 2 =$ 35 $42 + 8 =$ 14 $48 + 3 =$ 36 $42 + 9 =$ 15 $48 + 4 =$ 37 $49 + 1 =$ 16 $48 + 6 =$ 38 $49 + 3 =$ 17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	10	39 + 2 =	32	33 + 7 =	
13 $48 + 2 =$ 35 $42 + 8 =$ 14 $48 + 3 =$ 36 $42 + 9 =$ 15 $48 + 4 =$ 37 $49 + 1 =$ 16 $48 + 6 =$ 38 $49 + 3 =$ 17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	11	39 + 3 =	33	33 + 8 =	
14 $48 + 3 =$ 36 $42 + 9 =$ 15 $48 + 4 =$ 37 $49 + 1 =$ 16 $48 + 6 =$ 38 $49 + 3 =$ 17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	12	39 + 5 =	34	33 + 9 =	
15 $48 + 4 =$ 37 $49 + 1 =$ 16 $48 + 6 =$ 38 $49 + 3 =$ 17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	13	48 + 2 =	35	42 + 8 =	
16 $48 + 6 =$ 38 $49 + 3 =$ 17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	14	48 + 3 =	36	42 + 9 =	
17 $57 + 3 =$ 39 $58 + 2 =$ 18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	15	48 + 4 =	37	49 + 1 =	
18 $57 + 4 =$ 40 $58 + 4 =$ 19 $57 + 5 =$ 41 $67 + 3 =$ 20 $57 + 7 =$ 42 $67 + 5 =$ 21 $75 + 5 =$ 43 $85 + 5 =$	16	48 + 6 =	38	49 + 3 =	
19 57 + 5 = 41 67 + 3 = 20 57 + 7 = 42 67 + 5 = 21 75 + 5 = 43 85 + 5 =	17	57 + 3 =	39	58 + 2 =	
20 57 + 7 = 42 67 + 5 = 21 75 + 5 = 43 85 + 5 =	18	57 + 4 =	40	58 + 4 =	
21 75 + 5 = 43 85 + 5 =	19	57 + 5 =	41	67 + 3 =	
	20	57 + 7 =	42	67 + 5 =	
	21	75 + 5 =	43	85 + 5 =	
22 10+0= 44 85+8=	22	75 + 6 =	44	85 + 8 =	



Lesson 8: Date:

Relate manipulative representations to the addition algorithm. 10/23/13



5.B.11



Α	Add.			# Correct
1	8 + 2 =	23	18 + 6 =	
2	18 + 2 =	24	28 + 6 =	
3	38 + 2 =	25	16 + 8 =	
4	7 + 3 =	26	26 + 8 =	
5	17 + 3 =	27	18 + 7 =	
6	37 + 3 =	28	18 + 8 =	
7	8 + 3 =	29	28 + 7 =	
8	18 + 3 =	30	28 + 8 =	
9	28 + 3 =	31	15 + 9 =	
10	6 + 5 =	32	16 + 9 =	
11	16 + 5 =	33	25 + 9 =	
12	26 + 5 =	34	26 + 9 =	
13	18 + 4 =	35	14 + 7 =	
14	28 + 4 =	36	16 + 6 =	
15	16 + 6 =	37	15 + 8 =	
16	26 + 6 =	38	23 + 8 =	
17	18 + 5 =	39	25 + 7 =	
18	28 + 5 =	40	15 + 7 =	
19	16 + 7 =	41	24 + 7 =	
20	26 + 7 =	42	14 + 9 =	
21	19 + 2 =	43	19 + 8 =	
22	17 + 4 =	44	28 + 9 =	



Lesson 10:

Use math drawings to represent additions with up to two compositions and relate drawings to the addition algorithm. 10/23/13



в	Add.	Improvement		# Correct		
1	9+1=	23	19 + 5 =			
2	19 + 1 =	24	29 + 5 =			
3	39 + 1 =	25	17 + 7 =			
4	6 + 4 =	26	27 + 7 =			
5	16 + 4 =	27	19 + 6 =			
6	36 + 4 =	28	19 + 7 =			
7	9 + 2 =	29	29 + 6 =			
8	19 + 2 =	30	29 + 7 =			
9	29 + 2 =	31	17 + 8 =			
10	7 + 4 =	32	17 + 9 =			
11	17 + 4 =	33	27 + 8 =			
12	27 + 4 =	34	27 + 9 =			
13	19 + 3 =	35	12 + 9 =			
14	29 + 3 =	36	14 + 8 =			
15	17 + 5 =	37	16 + 7 =			
16	27 + 5 =	38	28 + 6 =			
17	19 + 4 =	39	26 + 8 =			
18	29 + 4 =	40	24 + 8 =			
19	17 + 6 =	41	13 + 8 =			
20	27 + 6 =	42	24 + 9 =			
21	18 + 3 =	43	29 + 8 =			
22	26 + 5 =	44	18 + 9 =			
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Lesson 10:

Use math drawings to represent additions with up to two compositions and relate drawings to the addition algorithm. 10/23/13



А	Add.		# Correct _	
1	98 + 3 =	23	3 99 + 12 =	
2	98 + 4 =	24	4 99 + 23 =	
3	98 + 5 =	25	5 99 + 34 =	
4	98 + 8 =	26	6 99 + 45 =	
5	98 + 6 =	27	7 99 + 56 =	
6	98 + 9 =	28	3 99 + 67 =	
7	98 + 7 =	29	99 + 78 =	
8	99 + 2 =	30) 35 + 99 =	
9	99 + 3 =	31	45 + 98 =	
10	99 + 4 =	32	2 46 + 99 =	
11	99 + 9 =	33	3 56 + 98 =	
12	99 + 6 =	34	4 67 + 99 =	
13	99 + 8 =	35	5 77 + 98 =	
14	99 + 5 =	36	68 + 99 =	
15	99 + 7 =	37	7 78 + 98 =	
16	98 + 13 =	38	3 99 + 95 =	
17	98 + 24 =	39	93 + 99 =	
18	98 + 35 =	40) 99 + 95 =	
19	98 + 46 =	41	1 94 + 99 =	
20	98 + 57 =	42	2 98 + 96 =	
21	98 + 68 =	43	3 94 + 98 =	
22	98 + 79 =	44	4 98 + 88 =	
		© Dill David		

.

Correct

© Bill Davidson



Lesson 12: Date:

Choose and explain solution strategies and record with a written addition method. 10/23/13



5.B.56

в	Add.	Improvemen	t	# Correct
1	99 + 2 =	23	98 + 13 =	
2	99 + 3 =	24	98 + 24 =	
3	99 + 4 =	25	98 + 35 =	
4	99 + 8 =	26	98 + 46 =	
5	99 + 6 =	27	98 + 57 =	
6	99 + 9 =	28	98 + 68 =	
7	99 + 5 =	29	98 + 79 =	
8	99 + 7 =	30	25 + 99 =	
9	98 + 3 =	31	35 + 98 =	
10	98 + 4 =	32	36 + 99 =	
11	98 + 5 =	33	46 + 98 =	
12	98 + 9 =	34	57 + 99 =	
13	98 + 7 =	35	67 + 98 =	
14	98 + 8 =	36	78 + 99 =	
15	98 + 6 =	37	88 + 98 =	
16	99 + 12 =	38	99 + 93 =	
17	99 + 23 =	39	95 + 99 =	
18	99 + 34 =	40	99 + 97 =	
19	99 + 45 =	41	92 + 99 =	
20	99 + 56 =	42	98 + 94 =	
21	99 + 67 =	43	96 + 98 =	
22	99 + 78 =	44	98 + 86 =	
		© Bill Davidso	n	-



Lesson 12: Date: Choose and explain solution strategies and record with a written addition method. 10/23/13



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Α	Subtract.			# Correct
1	11 - 10 =	23	19 - 9 =	
2	12 - 10 =	24	15 - 6 =	
3	13 - 10 =	25	15 - 7 =	
4	19 - 10 =	26	15 - 9 =	
5	11 - 1 =	27	20 - 10 =	
6	12 - 2 =	28	14 - 5 =	
7	13 - 3 =	29	14 - 6 =	
8	17 - 7 =	30	14 - 7 =	
9	11 - 2 =	31	14 - 9 =	
10	11 - 3 =	32	15 - 5 =	
11	11 - 4 =	33	17 - 8 =	
12	11 - 8 =	34	17 - 9 =	
13	18 - 8 =	35	18 - 8 =	
14	13 - 4 =	36	16 - 7 =	
15	13 - 5 =	37	16 - 8 =	
16	13 - 6 =	38	16 - 9 =	
17	13 - 8 =	39	17 - 10 =	
18	16 - 6 =	40	12 - 8 =	
19	12 - 3 =	41	18 - 9 =	
20	12 - 4 =	42	11 - 9 =	
21	12 - 5 =	43	15 - 8 =	
22	12 - 9 =	44	13 - 7 =	



Lesson 16:

Subtract from multiples of 100 and from numbers with zero in the tens engage^{ny}

10/23/13

5.C.48

в	Subtract.	Improvemen	ıt	# Correct
1	11 - 1 =	23	16 - 6 =	
2	12 - 2 =	24	14 - 5 =	
3	13 - 3 =	25	14 - 6 =	
4	18 - 8 =	26	14 - 7 =	
5	11 - 10 =	27	14 - 9 =	
6	12 - 10 =	28	20 - 10 =	
7	13 - 10 =	29	15 - 6 =	
8	18 - 10 =	30	15 - 7 =	
9	11 - 2 =	31	15 - 9 =	
10	11 - 3 =	32	14 - 4 =	
11	11 - 4 =	33	16 - 7 =	
12	11 - 7 =	34	16 - 8 =	
13	19 - 9 =	35	16 - 9 =	
14	12 - 3 =	36	20 - 10 =	
15	12 - 4 =	37	17 - 8 =	
16	12 - 5 =	38	17 - 9 =	
17	12 - 8 =	39	16 - 10 =	
18	17 - 7 =	40	18 - 9 =	
19	13 - 4 =	41	12 - 9 =	
20	13 - 5 =	42	13 - 7 =	
21	13 - 6 =	43	11 - 8 =	
22	13 - 9 =	44	15 - 8 =	



Lesson 16: Date:

10/23/13

Subtract from multiples of 100 and from numbers with zero in the tens engage^{ny}

5.C.49

Δ

Subtract.			# Correct
10 - 1 =	23	21 - 6 =	
10 - 2 =	24	91 - 6 =	
20 - 2 =	25	10 - 7 =	
40 - 2 =	26	11 - 7 =	
10 - 2 =	27	31 - 7 =	
11 - 2 =	28	10 - 8 =	
21 - 2 =	29	11 - 8 =	
51 - 2=	30	41 - 8 =	
10 - 3 =	31	10 - 9 =	
11 - 3 =	32	11 - 9 =	
21 - 3 =	33	51 - 9 =	
61 - 3 =	34	12 - 3 =	
10 - 4 =	35	82 - 3 =	
11 - 4 =	36	13 - 5 =	
21 - 4 =	37	73 - 5 =	
71 - 4 =	38	14 - 6 =	
10 - 5 =	39	84 - 6 =	
11 - 5 =	40	15 - 8 =	
21 - 5 =	41	95 - 8 =	
81 - 5 =	42	16 - 7 =	
10 - 6 =	43	46 - 7 =	
11 - 6 =	44	68 - 9 =	
	10 - 2 = $20 - 2 =$ $40 - 2 =$ $10 - 2 =$ $11 - 2 =$ $21 - 2 =$ $51 - 2 =$ $10 - 3 =$ $11 - 3 =$ $21 - 3 =$ $61 - 3 =$ $10 - 4 =$ $10 - 4 =$ $11 - 4 =$ $11 - 4 =$ $21 - 4 =$ $11 - 4 =$ $21 - 4 =$ $11 - 5 =$ $10 - 6 =$	10 - 1 =23 $10 - 2 =$ 24 $20 - 2 =$ 25 $40 - 2 =$ 26 $10 - 2 =$ 27 $11 - 2 =$ 28 $21 - 2 =$ 29 $51 - 2 =$ 30 $10 - 3 =$ 31 $11 - 3 =$ 32 $21 - 3 =$ 33 $61 - 3 =$ 34 $10 - 4 =$ 35 $11 - 4 =$ 36 $21 - 4 =$ 37 $71 - 4 =$ 38 $10 - 5 =$ 39 $11 - 5 =$ 40 $21 - 5 =$ 41 $81 - 5 =$ 42 $10 - 6 =$ 43	10 - 1 = 23 $21 - 6 =$ $10 - 2 =$ 24 $91 - 6 =$ $20 - 2 =$ 25 $10 - 7 =$ $40 - 2 =$ 26 $11 - 7 =$ $10 - 2 =$ 27 $31 - 7 =$ $11 - 2 =$ 28 $10 - 8 =$ $21 - 2 =$ 29 $11 - 8 =$ $51 - 2 =$ 30 $41 - 8 =$ $10 - 3 =$ 31 $10 - 9 =$ $11 - 3 =$ 32 $11 - 9 =$ $21 - 3 =$ 33 $51 - 9 =$ $61 - 3 =$ 34 $12 - 3 =$ $10 - 4 =$ 35 $82 - 3 =$ $11 - 4 =$ 36 $13 - 5 =$ $21 - 4 =$ 37 $73 - 5 =$ $71 - 4 =$ 38 $14 - 6 =$ $10 - 5 =$ 39 $84 - 6 =$ $11 - 5 =$ 40 $15 - 8 =$ $21 - 5 =$ 41 $95 - 8 =$ $81 - 5 =$ 42 $16 - 7 =$ $10 - 6 =$ 43 $46 - 7 =$

Correct

Lesson 17 Sprint 2.5

98



Lesson 17: Date:

tens place. 10/23/13

Subtract from multiples of 100 and from numbers with zero in the





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в	Subtract.	Improvement	# Correct
1	10 - 2 =	23	21 - 6 =
2	20 - 2 =	24	41 - 6 =
3	30 - 2 =	25	10 - 7 =
4	50 - 2 =	26	11 - 7 =
5	10 - 2 =	27	51 - 7 =
6	11 - 2 =	28	10 - 8 =
7	21 - 2 =	29	11 - 8 =
8	61 - 2 =	30	61 - 8 =
9	10 - 3 =	31	10 - 9 =
10	11 - 3 =	32	11 - 9 =
11	21 - 3 =	33	31 - 9 =
12	71 - 3 =	34	12 - 3 =
13	10 - 4 =	35	92 - 3 =
14	11 - 4 =	36	13 - 5 =
15	21 - 4 =	37	43 - 5 =
16	81 - 4 =	38	14 - 6 =
17	10 - 5 =	39	64 - 6 =
18	11 - 5 =	40	15 - 8 =
19	21 - 5 =	41	85 - 8 =
20	91 - 5 =	42	16 - 7 =
21	10 - 6 =	43	76 - 7 =
22	11 - 6 =	44	58 - 9 =

100



Lesson 17: Date:

Subtract from multiples of 100 and from numbers with zero in the tens place. 10/23/13



5.C.61



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