Α

Correct

••	Add or subtract.		"	
1	3 + 1 =	23	50 + 30 =	
2	30 + 10 =	24	54 + 30 =	
3	31 + 10 =	25	54 + 3 =	
4	31 + 1 =	26	50 - 30 =	
5	3 - 1 =	27	59 - 30 =	
6	30 - 10 =	28	59 - 3 =	
7	35 - 10 =	29	67 + 30 =	
8	35 - 1 =	30	67 - 30 =	
9	47 + 10 =	31	67 - 3 =	
10	10 - 1 =	32	40 - 3 =	
11	80 - 1 =	33	42 - 3 =	
12	40 + 20 =	34	30 + 40 =	
13	43 + 20 =	35	32 + 40 =	
14	43 + 2 =	36	32 + 4 =	
15	40 - 20 =	37	70 - 40 =	
16	45 - 20 =	38	76 - 40 =	
17	45 - 2 =	39	76 - 4 =	
18	57 + 2 =	40	53 + 40 =	
19	57 - 20 =	41	53 + 4 =	
20	10 - 2 =	42	53 - 40 =	
21	50 - 2 =	43	90 - 4 =	
22	51 - 2 =	44	92 - 4 =	

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Lesson 3: Date:

Add and subtract multiples of 10 and some ones within 100. 7/4/13



В	Add or subtract.	Improvement	#	Correct
1	2 + 1 =	23	40 + 30 =	
2	20 + 10 =	24	45 + 30 =	
3	21 + 10 =	25	45 + 3 =	
4	21 + 1 =	26	40 - 30 =	
5	2 - 1 =	27	49 - 30 =	
6	20 - 10 =	28	49 - 3 =	
7	25 - 10 =	29	57 + 30 =	
8	25 - 1 =	30	57 - 30 =	
9	37 + 10 =	31	57 - 3 =	
10	10 - 1 =	32	50 - 3 =	
11	70 - 1 =	33	52 - 3 =	
12	50 + 20 =	34	20 + 40 =	
13	53 + 20 =	35	23 + 40 =	
14	53 + 2 =	36	23 + 4 =	
15	50 - 20 =	37	80 - 40 =	
16	54 - 20 =	38	86 - 40 =	
17	54 - 2 =	39	86 - 4 =	
18	64 + 2 =	40	43 + 40 =	
19	64 - 20 =	41	43 + 4 =	
20	10 - 2 =	42	63 - 40 =	
21	60 - 2 =	43	80 - 4 =	
22	61 - 2 =	44	82 - 4 =	

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

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

Α		# Correct
	Subtract	

	Subtract.	 		
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 10:

Date:

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 © Bill David	15 - 8 =	

	Subtract.				
1	10 - 5 =	23	3	14 - 6 =	
2	20 - 5 =	24	ı	24 - 6 =	
3	30 - 5 =	25	5	34 - 6 =	
4	10 - 2 =	26	;	15 - 7 =	
5	20 - 2 =	27	_	25 - 7 =	
6	30 - 2 =	28	3	35 - 7 =	
7	11 - 2 =	29)	11 - 4 =	
8	21 - 2 =	30)	21 - 4 =	
9	31 - 2 =	31	\downarrow	31 - 4 =	
10	10 - 8 =	32	2	12 - 6 =	
11	11 - 8 =	33	3	22 - 6 =	
12	21 - 8 =	34	ļ	32 - 6 =	
13	31 - 8 =	35	5	21 - 6 =	
14	14 - 5 =	36	6	31 - 6 =	
15	24 - 5 =	37	<i>'</i>	12 - 8 =	
16	34 - 5 =	38	3	32 - 8 =	
17	15 - 6 =	39)	21 - 8 =	
18	25 - 6 =	40)	31 - 8 =	
19	35 - 6 =	41		28 - 9 =	
20	10 - 7 =	42	2	27 - 8 =	
21	20 - 8 =	43	3	38 - 9 =	
22	30 - 9 =	44	ļ	37 - 8 =	



Lesson 13: Date:

Use math drawings to represent subtraction with and without decomposition and relate drawings to a written method. 7/4/13



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



Lesson 13:

Date:

Use math drawings to represent subtraction with and without decomposition and relate drawings to a written method. 7/4/13



Correct ____

	Subtract.				
1	53 - 2 =	2	3	84 - 40 =	
2	65 - 3 =	2	4	80 - 50 =	
3	77 - 4 =	2	5	86 - 50 =	
4	89 - 5 =	2	6	70 - 60 =	
5	99 - 6 =	2	7	77 - 60 =	
6	28 - 7 =	2	8	80 - 70 =	
7	39 - 8 =	2	9	88 - 70 =	
8	31 - 2 =	3	0	48 - 4 =	
9	41 - 3 =	3	1	80 - 40 =	
10	51 - 4 =	3	2	81 - 40 =	
11	61 - 5 =	3	3	46 - 3 =	
12	30 - 9 =	3	4	60 - 30 =	
13	40 - 8 =	3	5	68 - 30 =	
14	50 - 7 =	3	6	67 - 4 =	
15	60 - 6 =	3	7	67 - 40 =	
16	40 - 30 =	3	8	89 - 6 =	
17	41 - 30 =	3	9	89 - 60 =	
18	40 - 20 =	4	0	76 - 2 =	
19	42 - 20 =	4	1	76 - 20 =	
20	80 - 50 =	4	2	54 - 6 =	
21	85 - 50 =	4	3	65 - 8 =	
22	80 - 40 =	4	4	87 - 9 =	

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Lesson 15: Date:

Represent subtraction with and without the decomposition when there is a three-digit minuend. 7/4/13



В	Subtract.	Improvemen	t	# Correct
1	43 - 2 =	23	94 - 50 -	
2	55 - 3 =	24	90 - 60 -	
3	67 - 4 =	25	96 - 60 =	
4	79 - 5 =	26	80 - 70 =	
5	89 - 6 =	27	87 - 70 =	
6	98 - 7 =	28	90 - 80 =	
7	29 - 8 =	29	98 - 80 =	
8	21 - 2 =	30	39 - 4 =	
9	31 - 3 =	31	90 - 40 =	
10	41 - 4 =	32	91 - 40 =	
11	51 - 5 =	33	47 - 3 =	
12	20 - 9 =	34	70 - 30 =	
13	30 - 8 =	35	78 - 30 =	
14	40 - 7 =	36	68 - 4 =	
15	50 - 6 =	37	68 - 40 =	
16	30 - 20 =	38	89 - 7 =	
17	31 - 20 =	39	89 - 70 =	
18	50 - 30 =	40	56 - 2 =	
19	52 - 30 =	41	56 - 20 =	
20	70 - 40 =	42	34 - 6 =	
21	75 - 40 =	43	45 - 8 =	
22	90 - 50 =	44	57 - 9 =	



Lesson 15: Date:

Represent subtraction with and without the decomposition when there is a three-digit minuend. 7/4/13



Correct

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

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Lesson 18: Date:

Use manipulatives to represent additions with two compositions. 7/4/13



В	Add.	Improvement _	# Correct
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 =
22	75 + 6 =	44	85 + 8 =

Lesson 18: Date:

Use manipulatives to represent additions with two compositions. 7/4/13



Correct

	Add.				
1	38 + 1 =	2	3	85 + 7 =	
2	47 + 2 =	2	4	85 + 9 =	
3	56 + 3 =	2	5	76 + 4 -	
4	65 + 4 =	2	6	76 + 5 =	
5	31 + 8 =	2	7	76 + 6 =	
6	42 + 7 =	2	8	76 + 9 =	
7	53 + 6 =	2	9	64 + 6 =	
8	64 + 5 =	3	0	64 + 7 =	
9	49 + 1 =	3	1	76 + 8 =	
10	49 + 2 =	33	2	43 + 7 =	
11	49 + 3 =	3:	3	43 + 8 =	
12	49 + 5 =	3	4	43 + 9 =	
13	58 + 2 =	3	5	52 + 8 =	
14	58 + 3 =	3	6	52 + 9 =	
15	58 + 4 =	3	7	59 + 1 =	
16	58 + 6 =	3	8	59 + 3 =	
17	67 + 3 =	3:	9	58 + 2 =	
18	57 + 4 =	4	0	58 + 4 =	
19	57 + 5 =	4	1	77 + 3 =	
20	57 + 7 =	4:	2	77 + 5 =	
21	85 + 5 =	4:	3	35 + 5 =	
22	85 + 6 =	4	4	35 + 8 =	

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Lesson 20:

Date:

Use math drawings to represent additions with up to two compositions and relate drawings to a written method. 7/4/13



В	Add.	Improvement	# Correct
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 =
22	75 + 6 =	44	85 + 8 =

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Lesson 20:

Date:

Use math drawings to represent additions with up to two compositions and relate drawings to a written method. 7/4/13



Δ

Correct

А	Subtract.		#	Correct
1	10 - 1 =	23	21 - 6 =	
2	10 - 2 =	24	91 - 6 =	
3	20 - 2 =	25	10 - 7 =	
4	40 - 2 =	26	11 - 7 =	
5	10 - 2 =	27	31 - 7 =	
6	11 - 2 =	28	10 - 8 =	
7	21 - 2 =	29	11 - 8 =	
8	51 - 2=	30	41 - 8 =	
9	10 - 3 =	31	10 - 9 =	
10	11 - 3 =	32	11 - 9 =	
11	21 - 3 =	33	51 - 9 =	
12	61 - 3 =	34	12 - 3 =	
13	10 - 4 =	35	82 - 3 =	
14	11 - 4 =	36	13 - 5 =	
15	21 - 4 =	37	73 - 5 =	
16	71 - 4 =	38	14 - 6 =	
17	10 - 5 =	39	84 - 6 =	
18	11 - 5 =	40	15 - 8 =	
19	21 - 5 =	41	95 - 8 =	
20	81 - 5 =	42	16 - 7 =	
21	10 - 6 =	43	46 - 7 =	
22	11 - 6 =	44	68 - 9 =	

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Lesson 23: Date:

Use number bonds to break apart three-digit minuends and subtract from the hundred. 7/4/13



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 23:

Date:

Use number bonds to break apart three-digit minuends and subtract from the hundred. 7/4/13



Correct

	Subtract.		_		
1	30 - 1 =	23	3	31 - 2 =	
2	40 - 2 =	24	ŀ	31 - 3 =	
3	50 - 3 =	25	,	31 - 4 =	
4	50 - 4 =	26	;	41 - 4 =	
5	50 - 5 =	27	<u>'</u>	51 - 5 =	
6	50 - 9 =	28	3	61 - 6 =	
7	51 - 9 =	29)	71 - 7 =	
8	61 - 9 =	30)	81 - 8 =	
9	81 - 9 =	31		82 - 8 =	
10	82 - 9 =	32	2	82 - 7 =	
11	92 - 9 =	33	3	82 - 6 =	
12	93 - 9 =	34	ļ	82 - 3 =	
13	93 - 8 =	35	,	34 - 5 =	
14	83 - 8 =	36	;	45 - 6 =	
15	33 - 8 =	37	'	56 - 7 =	
16	33 - 7 =	38	3	67 - 8 =	
17	43 - 7 =	39)	78 - 9 =	
18	53 - 6 =	40)	77 - 9 =	
19	63 - 6 =	41		64 - 6 =	
20	63 - 5 =	42	2	24 - 8 =	
21	73 - 5 =	43	3	35 - 8 =	
22	93 - 5 =	44	ļ	36 - 8 =	
		_			

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Lesson 26:

Date:

Use math drawings to represent subtraction with up to two decompositions and relate drawings to a written method. 7/4/13



В	Subtract.	Improvement_	#	Correct
1	20 - 1 =	23	21 - 2 =	
2	30 - 2 =	24	21 - 3 =	
3	40 - 3 =	25	21 - 4 =	
4	40 - 4 =	26	31 - 4 =	
5	40 - 5 =	27	41 - 5 =	
6	40 - 9 =	28	51 - 6 =	
7	41 - 9 =	29	61 - 7 =	
8	51 - 9 =	30	71 - 8 =	
9	71 - 9 =	31	72 - 8 =	
10	72 - 9 =	32	72 - 7 =	
11	82 - 9 =	33	72 - 6 =	
12	83 - 9 =	34	72 - 3 =	
13	83 - 8 =	35	24 - 5 =	
14	93 - 8 =	36	35 - 6 =	
15	23 - 8 =	37	46 - 7 =	
16	23 - 7 =	38	57 - 8 =	
17	33 - 7 =	39	68 - 9 =	
18	43 - 6 =	40	67 - 9 =	
19	53 - 6 =	41	54 - 6 =	
20	53 - 5 =	42	24 - 9 =	
21	63 - 5 =	43	35 - 9 =	
22	83 - 5 =	44	46 - 9 =	



Lesson 26: Date:

Use math drawings to represent subtraction with up to two decompositions and relate drawings to a written method. 7/4/13



Α

Subtract

Correct

	Subtract.				
1	10 - 1 =	23	3	100 - 82 =	
2	100 - 10 =	24	4	100 - 85 =	
3	90 - 1 =	25	5	100 - 15 =	
4	100 - 11 =	20	6	100 - 70 =	
5	10 - 2 =	27	7	100 - 71 =	
6	100 - 20 =	28	8	100 - 72 =	
7	80 - 1 =	29	9	100 - 75 =	
8	100 - 21 =	30	0	100 - 25 =	
9	10 - 5 =	3.	1	100 - 10 =	
10	100 - 50 =	32	2	100 - 11 =	
11	50 - 2 =	33	3	100 - 12 =	
12	100 - 52 =	34	4	100 - 18 =	
13	10 - 4 =	35	5	100 - 82 =	
14	100 - 40 =	36	6	100 - 60 =	
15	60 - 1 =	37	7	100 - 6 =	
16	100 - 41 =	38	8	100 - 70 =	
17	10 - 3 =	39	9	100 - 7 =	
18	100 - 30 =	40	0	100 - 43 =	
19	70 - 5 =	4	1	100 - 8 =	
20	100 - 35 =	42	2	100 - 59 =	
21	100 - 80 =	4:	3	100 - 4 =	
22	100 - 81 =	44	4	100 - 68 =	

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Lesson 27: Date:

Subtract from 200 and from numbers with zeros in the tens place. 7/4/13



В	Subtract.	Improvement	t #	Correct
1	10 - 5 =	23	100 - 72 =	
2	100 - 50 =	24	100 - 75 =	
3	50 - 1 =	25	100 - 25 =	
4	100 - 51 =	26	100 - 80 =	
5	10 - 2 =	27	100 - 81 =	
6	100 - 20 =	28	100 - 82 =	
7	80 - 1 =	29	100 - 85 =	
8	100 - 21 =	30	100 - 15 =	
9	10 - 1 =	31	100 - 10 =	
10	100 - 10 =	32	100 - 11 =	
11	90 - 2 =	33	100 - 12 =	
12	100 - 12 =	34	100 - 17 =	
13	10 - 3 =	35	100 - 83 =	
14	100 - 30 =	36	100 - 70 =	
15	70 - 1 =	37	100 - 7 =	
16	100 - 31 =	38	100 - 60 =	
17	10 - 4 =	39	100 - 6 =	
18	100 - 40 =	40	100 - 42 =	
19	60 - 5 =	41	100 - 4 =	
20	100 - 45 =	42	100 - 58 =	
21	100 - 70 =	43	100 - 8 =	
22	100 - 71 =	44	100 - 67 =	

40



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	- 1	n	
	- 4		

Correct

^	Subtract.			# Conect
1	30 - 1 =	23	31 - 2 =	
2	40 - 2 =	24	31 - 3 =	
3	50 - 3 =	25	31 - 4 =	
4	50 - 4 =	26	41 - 4 =	
5	50 - 5 =	27	51 - 5 =	
6	50 - 9 =	28	61 - 6 =	
7	51 - 9 =	29	71 - 7 =	
8	61 - 9 =	30	81 - 8 =	
9	81 - 9 =	31	82 - 8 =	
10	82 - 9 =	32	82 - 7 =	
11	92 - 9 =	33	82 - 6 =	
12	93 - 9 =	34	82 - 3 =	
13	93 - 8 =	35	34 - 5 =	
14	83 - 8 =	36	45 - 6 =	
15	33 - 8 =	37	56 - 7 =	
16	33 - 7 =	38	67 - 8 =	
17	43 - 7 =	39	78 - 9 =	
18	53 - 6 =	40	77 - 9 =	
19	63 - 6 =	41	64 - 6 =	
20	63 - 5 =	42	24 - 8 =	
21	73 - 5 =	43	35 - 8 =	
22	93 - 5 =	44	36 - 8 =	

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Lesson 30:

Date:

Compare totals below to new groups below as written methods.

7/4/13

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В	Subtract.	Improvement _	#	Correct
1	20 - 1 =	23	21 - 2 =	
2	30 - 2 =	24	21 - 3 =	
3	40 - 3 =	25	21 - 4 =	
4	40 - 4 =	26	31 - 4 =	
5	40 - 5 =	27	41 - 5 =	
6	40 - 9 =	28	51 - 6 =	
7	41 - 9 =	29	61 - 7 =	
8	51 - 9 =	30	71 - 8 =	
9	71 - 9 =	31	72 - 8 =	
10	72 - 9 =	32	72 - 7 =	
11	82 - 9 =	33	72 - 6 =	
12	83 - 9 =	34	72 - 3 =	
13	83 - 8 =	35	24 - 5 =	
14	93 - 8 =	36	35 - 6 =	
15	23 - 8 =	37	46 - 7 =	
16	23 - 7 =	38	57 - 8 =	
17	33 - 7 =	39	68 - 9 =	
18	43 - 6 =	40	67 - 9 =	
19	53 - 6 =	41	54 - 6 =	
20	53 - 5 =	42	24 - 9 =	
21	63 - 5 =	43	35 - 9 =	
22	83 - 5 =	© Bill Davidson	46 - 9 =	

Lesson 30:

Date:

Compare totals below to new groups below as written methods.

7/4/13

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