Α	Add or subtract.		#	Correct
1	1, 2,	23	99,, 101	
2	11, 12,	24	19, 20,	
3	21, 22,	25		
4	71, 72,	26	35,, 37	
5	3, 4,	27	135,, 137	
6	3,, 5	28	, 24, 25	
7	13,, 15	29	, 124, 125	
8	23,, 25	30	142, 143,	
9	83,, 85	31	138,, 140	
10	7, 8,	32	, 149, 150	
11	7,, 9	33	148,, 150	
12	, 8, 9	34	, 149, 150	
13	, 18, 19	35	, 163, 164	
14	, 28, 29	36	187,, 189	
15	, 58, 59	37	, 170, 171	
16	12, 13,	38	178, 179,	
17	45, 46,	39	192,, 194	
18	12,, 14	40	, 190, 191	
19	36,, 38	41	197,, 199	
20	, 19, 20	42	168, 169,	
21	, 89, 90	43	199,, 201	
22	98, 99,	44	, 160, 161	

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Lesson 1: Date:

Connect measurement with physical units by using multiple copies of the same physical unit to measure. 6/26/13



В	Add or subtract.	Improvemer	nt # C	orrect
1	0, 1,	23	99,, 101	
2	10, 11,	24	29, 30,	
3	20, 21,	25	129, 130,	
4	70, 71,	26	34,, 36	
5	2, 3,	27	134,, 136	
6	2,, 4	28	, 23, 24	
7	12,, 14	29	, 123, 124	
8	22,, 24	30	141, 142,	
9	82,, 84	31	128,, 130	
10	6, 7,	32	, 149, 150	
11	6,, 8	33	148,, 150	
12	, 7, 8	34	, 149, 150	
13	, 17, 18	35	, 173, 174	
14	, 27, 28	36	167,, 169	
15	, 57, 58	37	, 160, 161	
16	11, 12,	38	188, 189,	
17	44, 45,	39	193,, 195	
18	11,, 13	40	, 170, 171	
19	35,, 37	41	196,, 198	
20	, 19, 20	42	178, 179,	
21	, 79, 80	43	199,, 201	
22	98, 99,	44	, 180, 181	

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Lesson 1: Date:

Connect measurement with physical units by using multiple copies of the same physical unit to measure. 6/26/13



Α	Ellis de minimo modern				# Correct _	
	Fill-in the missing number.		П			
1	0 +	= 10	23	13 +	=	20
2	9+	= 10	24	23 +	=	30
3	8 +	= 10	25	27 +	=	30
4	7 +	= 10	26	5+	=	10
5	6+	= 10	27	25 +	=	30
6	5+	= 10	28	2+	=	10
7	1+	= 10	29	22 +	=	30
8	2+	= 10	30	32 +	=	30
9	3+	= 10	31	1+	=	10
10	4 +	= 10	32	11 +	=	20
11	10 +	= 10	33	21 +	=	30
12	9+	= 10	34	31 +	=	40
13	19 +	= 20	35	38 +	=	40
14	5+	= 10	36	36 +	=	40
15	15 +	= 20	37	39 +	=	40
16	8 +	= 10	38	35 +	=	40
17	18 +	= 20	39		+6 =	30
18	6+	= 10	40		+8 =	20
19	16 +	= 20	41		+7 =	40
20	7 +	= 10	42		+6 =	20
21	17 +	= 20	43		+4 =	30
22	3+	= 10	44		+8 =	40



Lesson 3: Date:

Apply concepts to create unit rulers, measure lengths using unit rulers. 6/26/13



В	Fill-in the missing number.	In	nprov	emen	t	# Correct _	
1	10 +	=	10	23	14 +	=	20
2	9+	=	10	24	24 +	=	30
3	8+	=	10	25	26 +	=	30
4	7+	=	10	28	9+	=	10
5	6+	=	10	27	29 +	=	30
6	5+	=	10	28	3 +	=	10
7	1+	=	10	29	23 +	=	30
8	2+	=	10	30	13 +	=	30
9	3+	=	10	31	2+	≡	10
10	4 +	=	10	32	12 +	=	20
11	0 +	=	10	33	22 +	=	30
12	5+	=	10	34	32 +	=	40
13	15 +	=	20	35	37 +	≅	40
14	9+	=	10	36	34 +	≅	40
15	19 +	=	20	37	35 +	≅	40
16	8 +	=	10	38	39 +	Ħ	40
17	18 +	=	20	39		+4 =	30
18	7+	=	10	40	20.	+9 =	20
19	17 +	=	20	41	26	+4 =	40
20	6+	=	10	42	26	+7 =	20
21	16 +	=	20	43	26	+3 =	30
22	4 +	=	10	44		+9 =	40



Lesson 3: Date:

Apply concepts to create unit rulers, measure lengths using unit rulers. 1/3/14



# Correct \_\_\_\_\_ Add or subtract.

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

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

## A

# Correct \_\_\_\_

Circle the longer length.

	Circle the longer i	engun.			
1	1 cm	0 cm	23	110 cm	101 cm
2	11 cm	10 cm	24	110 cm	1 m
3	11 cm	12 cm	25	1 m	111 cm
4	22 cm	12 cm	26	101 cm	1 m
5	29 cm	30 cm	27	111 cm	101 cm
6	31 cm	13 cm	28	112 cm	102 cm
7	43 cm	33 cm	29	110 cm	115 cm
8	33 cm	23 cm	30	115 cm	105 cm
9	35 cm	53 cm	31	106 cm	116 cm
10	50 cm	35 cm	32	108 cm	98 cm
11	55 cm	45 cm	33	119 cm	99 cm
12	50 cm	55 cm	34	131 cm	133 cm
13	65 cm	56 cm	35	133 cm	113 cm
14	66 cm	56 cm	36	142 cm	124 cm
15	66 cm	86 cm	37	144 cm	114 cm
16	86 cm	68 m	38	154 cm	145 cm
17	68 cm	88 cm	39	155 cm	152 cm
18	89 cm	98 cm	40	198 cm	199 cm
19	99 cm	98 m	41	215 cm	225 cm
20	99 cm	1 m	42	252 cm	255 cm
21	1 m	101 cm	43	2 m	295 cm
22	1 m	90 cm	44	3 m	295 cm
	•		,		



Lesson 6: Date:

6/26/13

engage<sup>ny</sup> Measure and compare lengths using centimeters and meters.

В	Improvement	# Correct
Che	cle the longer length	

	Circle the longer length.					
1	0 cm	1 cm	23	111 cm	101 cm	
2	10 cm	12 cm	24	101 cm	110 cm	
3	12 cm	11 cm	25	1 m	110 cm	
4	32 cm	13 cm	26	111 cm	1 m	
5	39 cm	40 cm	27	113 cm	117 cm	
6	41 cm	14 cm	28	112 cm	111 cm	
7	44 cm	40 cm	29	115 cm	105 cm	
8	44 cm	54 cm	30	106 cm	116 cm	
9	55 cm	65 cm	31	107 cm	117 cm	
10	60 cm	59 cm	32	118 cm	108 cm	
11	65 cm	45 cm	33	119 cm	120 cm	
12	70 cm	65 cm	34	132 cm	123 cm	
13	75 cm	57 cm	35	133 cm	132 cm	
14	77 cm	76 cm	36	143 cm	134 cm	
15	87 cm	78 cm	37	144 cm	114 cm	
16	79 cm	97 m	38	154 cm	145 cm	
17	79 cm	88 cm	39	155 cm	152 cm	
18	98 cm	97 cm	40	195 cm	199 cm	
19	99 cm	1 m	41	225 cm	152 cm	
20	99 cm	100 cm	42	252 cm	255 cm	
21	101 cm	100 cm	43	2 m	295 cm	
22	1 m	101 cm	44	3 m	295 cm	







# Correct

	Subtract.			
1	3 - 1 =	23	8 - 7 =	
2	13 - 1 =	24	18 - 7 =	
3	23 - 1 =	25	58 - 7 =	
4	53 - 1 =	26	62 - 2 =	
5	4 - 2 =	27	9 - 8 =	
6	14 - 2 =	28	19 - 8 =	
7	24 - 2 =	29	29 - 8 =	
8	64 - 2 =	30	69 - 8 =	
9	4 - 3 =	31	7 - 3 =	
10	14 - 3 =	32	17 - 3 =	
11	24 - 3 =	33	77 - 3 =	
12	74 - 3 =	34	59 - 9 =	
13	6 - 4 =	35	9 - 7 =	
14	16 - 4 =	36	19 - 7 =	
15	26 - 4 =	37	89 - 7 =	
16	96 - 4 =	38	99 - 5 =	
17	7 - 5 =	39	78 - 6 =	
18	17 - 5 =	40	58 - 5 =	
19	27 - 5 =	41	39 - 7 =	
20	47 - 5 =	42	28 - 6 =	
21	43 - 3 =	43	49 - 4 =	
22	87 - 7 =	44	67 - 4 =	

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Lesson 7: Date:

Measure and compare lengths using standard metric length units and non-standard lengths units; relate measurement to unit size. 6/26/13



В	Subtract.	Improvemen	nt	# Correct
1	2 - 1 =	23	8 - 7 =	
2	12 - 1 =	24	18 - 7 =	
3	22 - 1 =	25	68 - 7 =	
4	52 - 1 =	26	32 - 2 =	
5	5-2=	27	9 - 8 =	
6	15 - 2 =	28	19 - 8 =	
7	25 - 2 =	29	29 - 8 =	
8	65 - 2 =	30	79 - 8 =	
9	4 - 3 =	31	8 - 4 =	
10	14 - 3 =	32	18 - 4 =	
11	24 - 3 =	33	78 - 4 =	
12	84 - 3 =	34	89 - 9 =	
13	7 - 4 =	35	9 - 7 =	
14	17 - 4 =	36	19 - 7 =	
15	27 - 4 =	37	79 - 7 =	
16	97 - 4 =	38	89 - 5 =	
17	6 - 5 =	39	68 - 6 =	
18	16 - 5 =	40	48 - 5 =	
19	26 - 5 =	41	29 - 7 =	
20	46 - 5 =	42	38 - 6 =	
21	23 - 3 =	43	59 - 4 =	
22	67 - 7 =	44	77 - 4 =	



Lesson 7: Date:

Measure and compare lengths using standard metric length units and non-standard lengths units; relate measurement to unit size. 6/26/13



Α

#	Con	rect	

	Find the missing lend	th to make 1 me	eter.	
1	10 cm +		23	+ 62 cm = 1 m
2	30 cm +	= 100 cm	24	+ 72 cm = 1 m
3	50 cm +	= 100 cm	25	+ 92 cm = 1 m
4	70 cm +	= 100 cm	26	+ 29 cm = 1 m
5	90 cm +	= 100 cm	27	+ 39 cm = 1 m
6	80 cm +	= 100 cm	28	+ 59 cm = 1 m
7	60 cm +	= 100 cm	29	+ 89 cm = 1 m
8	40 cm +	= 100 cm	30	+ 88 cm = 1 m
9	20 cm +	= 100 cm	31	+ 68 cm = 1 m
10	21 cm +	= 100 cm	32	+ 18 cm = 1 m
11	23 cm +	= 100 cm	33	+ 15 cm = 1 m
12	25 cm +	= 100 cm	34	+ 55 cm = 1 m
13	27 cm +	= 100 cm	35	44 cm + = 1m
14	37 cm +	= 100 cm	36	55 cm + = 1 m
15	38 cm +	= 100 cm	37	88 cm + = 1 m
16	39 cm +	= 100 cm	38	1 m = + 33 cm
17	49 cm +	= 100 cm	39	1 m = + 66 cm
18	50 cm +	= 100 cm	40	1 m = + 99 cm
19	52 cm +	= 100 cm	41	1 m - 11 cm =
20	56 cm +	= 100 cm	42	1 m - 15 cm =
21	58 cm +	= 100 cm	43	1 m - 17 cm =
22	62 cm +	= 100 cm	44	1 m - 19 cm =



Lesson 8: Date:

Solve addition and subtraction word problems using the ruler as a number line. 6/26/13



В # Correct Find the missing length to make 1 meter.

		g length to make 1 me		
1	1 cm +	= 100 cm	23	+ 72 cm = 1 m
2	10 cm +	= 100 cm	24	+ 82 cm = 1 m
3	20 cm +	= 100 cm	25	+ 28 cm = 1 m
4	40 cm +	= 100 cm	26	+ 38 cm = 1 m
5	60 cm +	= 100 cm	27	+ 48 cm = 1 m
6	80 cm +	= 100 cm	28	+ 45 cm = 1 m
7	90 cm +	= 100 cm	29	+ 43 cm = 1 m
8	70 cm +	= 100 cm	30	+ 34 cm = 1 m
9	50 cm +	= 100 cm	31	+ 24 cm = 1 m
10	30 cm +	= 100 cm	32	+ 14 cm = 1 m
11	31 cm + _	= 100 cm	33	+ 12 cm = 1 m
12	33 cm +	= 100 cm	34	+ 10 cm = 1 m
13	35 cm +	= 100 cm	35	11 cm + = 1m
14	37 cm +	= 100 cm	36	33 cm + = 1 m
15	39 cm +	= 100 cm	37	55 cm + = 1 m
16	49 cm +	= 100 cm	38	1 m = + 22 cm
17	59 cm + _	= 100 cm	39	1 m = + 88 cm
18	60 cm + _	= 100 cm	40	1 m = + 99 cm
19	62 cm + _	= 100 cm	41	1 m - 1 cm =
20	66 cm +	= 100 cm	42	1 m - 5 cm =
21	68 cm + _	= 100 cm	43	1 m - 7 cm =
22	72 cm + _	= 100 cm	44	1 m - 17 cm =



А

Subtract.

# Correct

1	53 - 2 =	23		84 - 40 =	
2	65 - 3 =	24	ļ.	80 - 50 =	
3	77 - 4 =	25	i	86 - 50 =	
4	89 - 5 =	26	i	70 - 60 =	
5	99 - 6 =	27	r	77 - 60 =	
6	28 - 7 =	28		80 - 70 =	
7	39 - 8 =	29		88 - 70 =	
8	31 - 2 =	30		48 - 4 =	
9	41 - 3 =	31		80 - 40 =	
10	51 - 4 =	32		81 - 40 =	
11	61 - 5 =	33		46 - 3 =	
12	30 - 9 =	34	ļ	60 - 30 =	
13	40 - 8 =	35		68 - 30 =	
14	50 - 7 =	36		67 - 4 =	
15	60 - 6 =	37		67 - 40 =	
16	40 - 30 =	38		89 - 6 =	

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17

18

19

20

21

Lesson 10:

Date:

Apply conceptual understanding of measurement by solving twostep word problems. 6/26/13

40

41

42

43



89 - 60 =

76 - 2 =

76 - 20 =

54 - 6 =

65 - 8 =

87 - 9 =

41 - 30 =

40 - 20 =

42 - 20 =

80 - 50 =

85 - 50 =

80 - 40 =

В	Subtract. Improvement		# Correct
1	43 - 2 =	23 94 - 5	50 -
2	55 - 3 =	24 90 - 6	
3	67 - 4 =	25 96 - 6	60 =
4	79 - 5 =	26 80 - 7	70 =
5	89 - 6 =	27 87 - 7	′0 =
6	98 - 7 =	28 90 - 8	30 =
7	29 - 8 =	29 98 - 8	30 =
8	21 - 2 =	30 39 - 4	4 =
9	31 - 3 =	31 90 - 4	10 =
10	41 - 4 =	32 91 - 4	10 =
11	51 - 5 =	33 47 - 3	3 =
12	20 - 9 =	34 70 - 3	30 =
13	30 - 8 =	35 78 - 3	30 =
14	40 - 7 =	36 68 - 4	4 =
15	50 - 6 =	37 68 - 4	10 =
16	30 - 20 =	38 89 -	7 =
17	31 - 20 =	39 89 - 7	70 =
18	50 - 30 =	40 56 - 2	2 =
19	52 - 30 =	41 56 - 2	20 =
20	70 - 40 =	42 34 -	6 =
21	75 - 40 =	43 45 -	8 =
22	90 - 50 =	44 57 -	9 =



Lesson 10: Date:

Apply conceptual understanding of measurement by solving twostep word problems. 6/26/13

