Α	Multiply.				# Correct
1	1 x 6 =	23	3	10 x 6 =	
2	6 x 1 =	24	4	9 x 6 =	
3	2 x 6 =	25	5	4 x 6 =	
4	6 x 2 =	20	6	8 x 6 =	
5	3 x 6 =	27	7	6 x 3 =	
6	6 x 3 =	28	8	7 x 6 =	
7	4 x 6 =	29	9	6 x 6 =	
8	6 x 4 =	30	0	6 x 10 =	
9	5 x 6 =	3	1	6 x 5 =	
10	6 x 5 =	32	2	6 x 4 =	
11	6 x 6 =	33	3	6 x 1 =	
12	7 x 6 =	34	4	6 x 9 =	
13	6 x 7 =	35	5	6 x 6 =	
14	8 x 6 =	30	6	6 x 3 =	
15	6 x 8 =	37	7	6 x 2 =	
16	9 x 6 =	38	8	6 x 7 =	
17	6 x 9 =	39	9	6 x 8 =	
18	10 x 6 =	40	0	11 x 6 =	
19	6 x 10 =	4	1	6 x 11 =	
20	6 x 3 =	42	2	12 x 6 =	
21	1 x 6 =	43	3	6 x 12 =	
22	2 x 6 =	44	4	13 x 6 =	

Δ





Lesson 3: Date: Specify and partition a whole into equal parts, identifying and counting unit fractions by drawing pictorial area models. 9/22/14

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



Lesson 3: Date: Specify and partition a whole into equal parts, identifying and counting unit fractions by drawing pictorial area models. 9/22/14

Multiply o	or divide	

# Correct \_\_\_\_\_

	Multiply or divide.			
1	2 x 6 =	23	x 6 = 60	
2	3 x 6 =	24	x 6 =12	
3	4 x 6 =	25	x 6 = 18	
4	5 x 6 =	26	60 ÷ 6 =	
5	1 x 6 =	27	30 ÷ 6 =	
6	12 ÷ 6 =	28	6 ÷ 6 =	
7	18 ÷ 6 =	29	12 ÷ 6 =	
8	30 ÷ 6 =	30	18 ÷ 6 =	
9	6 ÷ 6 =	31	x 6 = 36	
10	24 ÷ 6 =	32	x 6 = 42	
11	6 x 6 =	33	x 6 = 54	
12	7 x 6 =	34	x 6 = 48	
13	8 x 6 =	35	42 ÷ 6 =	
14	9 x 6 =	36	54 ÷ 6 =	
15	10 x 6 =	37	36 ÷ 6 =	
16	48 ÷ 6 =	38	48 ÷ 6 =	
17	42 ÷ 6 =	39	11 x 6 =	
18	54 ÷ 6 =	40	66 ÷ 6 =	
19	36 ÷ 6 =	41	12 x 6 =	
20	60 ÷ 6 =	42	72 ÷ 6 =	
21	x 6 = 30	43	14 x 6 =	
22	x6 = 6	44	84 ÷ 6 =	



Lesson 4: Date: Represent and identify fractional parts of different wholes. 9/22/14



В	Multiply or divide.	Improvemer	nt	# Correct
1	1 x 6 =	23	x 6 = 12	
2	2 x 6 =	24	x 6 = 60	
3	3 x 6 =	25	x 6 = 18	
4	4 x 6 =	26	12 ÷ 6 =	
5	5 x 6 =	27	6 ÷ 6 =	
6	18 ÷ 6 =	28	60 ÷ 6 =	
7	12 ÷ 6 =	29	30 ÷ 6 =	
8	24 ÷ 6 =	30	18 ÷ 6 =	
9	6 ÷ 6 =	31	x 6 = 18	
10	30 ÷ 6 =	32	x 6 = 24	
11	10 x 6 =	33	x 6 = 54	
12	6 x 6 =	34	x 6 = 42	
13	7 x 6 =	35	48 ÷ 6 =	
14	8 x 6 =	36	54 ÷ 6 =	
15	9 x 6 =	37	36 ÷ 6 =	
16	42 ÷ 6 =	38	42 ÷ 6 =	
17	36 ÷ 6 =	39	11 x 6 =	
18	48 ÷ 6 =	40	66 ÷ 6 =	
19	60 ÷ 6 =	41	12 x 6 =	
20	54 ÷ 6 =	42	72 ÷ 6 =	
21	x 6 = 6	43	13 x 6 =	
22	x 6 = 30	44	78 ÷ 6 =	



Lesson 4: Date: Represent and identify fractional parts of different wholes. 9/22/14



Α

Multiply.

	wutipiy.				
1	1 x 7 =	2	3	10 x 7 =	
2	7 x 1 =	24	4	9 x 7 =	
3	2 x 7 =	2	5	4 x 7 =	
4	7 x 2 =	20	6	8 x 7 =	
5	3 x 7 =	2	7	7 x 3 =	
6	7 x 3 =	2	8	7 x 7 =	
7	4 x 7 =	2	9	6 x 7 =	
8	7 x 4 =	3	0	7 x 10 =	
9	5 x 7 =	3	1	7 x 5 =	
10	7 x 5 =	33	2	7 x 6 =	
11	6 x 7 =	33	3	7 x 1 =	
12	7 x 6 =	3.	4	7 x 9 =	
13	7 x 7 =	3	5	7 x 4 =	
14	8 x 7 =	30	6	7 x 3 =	
15	7 x 8 =	3	7	7 x 2 =	
16	9 x 7 =	3	8	7 x 7 =	
17	7 x 9 =	3	9	7 x 8 =	
18	10 x 7 =	4	0	11 x 7 =	
19	7 x 10 =	4	1	7 x 11 =	
20	7 x 3 =	42	2	12 x 7 =	
21	1 x 7 =	4	3	7 x 12 =	
22	2 x 7 =	4	4	13 x 7 =	



Lesson 6 Sprint 3•5



Lesson 6: Date:

Build non-unit fractions less than one whole from unit fractions. 9/24/14



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



Lesson 6: Date: Build non-unit fractions less than one whole from unit fractions. 9/24/14



Α	Multiply or divide.			# Correct
1	2 x 7 =	23	x 7 = 70	
2	3 x 7 =	24	x 7 = 14	
3	4 x 7 =	25	x 7 = 21	
4	5 x 7 =	26	70 ÷ 7 =	
5	1 x 7 =	27	35 ÷ 7 =	
6	14 ÷ 7 =	28	7 ÷ 7 =	
7	21 ÷ 7 =	29	14 ÷ 7 =	
8	35 ÷ 7 =	30	21 ÷ 7 =	
9	7 ÷ 7 =	31	x 7 = 42	
10	28 ÷ 7 =	32	x 7 = 49	
11	6 x 7 =	33	x 7 = 63	
12	7 x 7 =	34	x 7 = 56	
13	8 x 7 =	35	49 ÷ 7 =	
14	9 x 7 =	36	63 ÷ 7 =	
15	10 x 7 =	37	42 ÷ 7 =	
16	56 ÷ 7 =	38	56 ÷ 7 =	
17	49 ÷ 7 =	39	11 x 7 =	
18	63 ÷ 7 =	40	77 ÷ 7 =	
19	42 ÷ 7 =	41	12 x 7 =	
20	70 ÷ 7 =	42	84 ÷ 7 =	
21	x 7 = 35	43	14 x 7 =	
22	x 7 = 7	44	98 ÷ 7 =	



Lesson 7: Date:

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Identify and represent shaded and non-shaded parts of one whole as

fractions. 9/22/14

engage<sup>ny</sup>

в	Multiply or divide.	Improvemen	t	# Correct
1	1 x 7 =	23	x 7 = 14	
2	2 x 7 =	24	x 7 = 70	
3	3 x 7 =	25	x 7 = 21	
4	4 x 7 =	26	14 ÷ 7 =	
5	5 x 7 =	27	7 ÷ 7 =	
6	21 ÷ 7 =	28	70 ÷ 7 =	
7	14 ÷ 7 =	29	35 ÷ 7 =	
8	28 ÷ 7 =	30	21 ÷ 7 =	
9	7 ÷ 7 =	31	x 7 = 21	
10	35 ÷ 7 =	32	x 7 = 28	
11	10 x 7 =	33	x 7 = 63	
12	6 x 7 =	34	x 7 = 49	
13	7 x 7 =	35	56 ÷ 7 =	
14	8 x 7 =	36	63 ÷ 7 =	
15	9 x 7 =	37	42 ÷ 7 =	
16	49 ÷ 7 =	38	49 ÷ 7 =	
17	42 ÷ 7 =	39	11 x 7 =	
18	56 ÷ 7 =	40	77 ÷ 7 =	
19	70 ÷ 7 =	41	12 x 7 =	
20	63 ÷ 7 =	42	84 ÷ 7 =	
21	x 7 = 7	43	13 x 7 =	
22	x 7 = 35	44	91 ÷ 7 =	

Lesson 7: Date:

9/22/14

Identify and represent shaded and non-shaded parts of one whole as fractions.

A	Vrite the fraction that is shaded.			# C	orrect
1	$\square$	/	23	igodot	/
2	$\bigcirc$	/	24	$\oplus$	/
3		/	25	$\oplus$	/
4	$\bigcirc$	/	26		/
5	$\bigcirc$	/	27		1
6		/	28	$\otimes$	1
7	$\bigcirc$	/	29		1
8	$\bigcirc$	/	30	$\bigotimes$	/
9		/	31		/
10	$\bigcirc$	/	32	$\otimes$	/
11		/	33		/
12		/	34	$\otimes$	/
13		/	35		/
14		/	36		/
15		/	37		/
16		/	38		/
17		/	39		1
18	$\oplus$	/	40		1
19	$\oplus$	/	41		1
20	$\oplus$	/	42		/
21	$\oplus$	/	43	$\bigotimes$	/
22	$\oplus$	/	44	$\bigotimes$	/



Lesson 8: Date: Represent parts of one whole as fractions with number bonds. 9/22/14



<b>B</b> Write t	he fraction that is sha	Improveme	nt	# Co	orrect
1		/	23	$\oplus$	/
2		/	24	$\overline{\oplus}$	/
3		/	25	$\oplus$	/
4	$\Theta$	/	26		/
5	$\bigcirc$	/	27		/
6		/	28		/
7	$\square$	/	29	$\otimes$	/
8	$\bigcirc$	/	30		/
9		/	31	$\otimes$	/
10	$\Theta$	/	32		/
11		/	33	$\otimes$	/
12		/	34		/
13		/	35	$\otimes$	/
14		/	36		/
15		/	37		/
16		/	38		/
17		/	39		/
18	$\oplus$	/	40		/
19	$\Theta$	/	41		/
20	$\Theta$	/	42		/
21	$\Theta$	/	43	$\bigotimes$	/
22	$\oplus$	/	44	$\otimes$	/



Lesson 8: Date: Represent parts of one whole as fractions with number bonds. 9/22/14



	Multiply.				
1	8 x 1 =	23	3	9 x 8 =	
2	1 x 8 =	24	4	3 x 8 =	
3	8 x 2 =	25	5	8 x 8 =	
4	2 x 8 =	26	6	4 x 8 =	
5	8 x 3 =	27	7	7 x 8 =	
6	3 x 8 =	28	В	5 x 8 =	
7	8 x 4 =	29	Э	6 x 8 =	
8	4 x 8 =	30	D	8 x 5 =	
9	8 x 5 =	3.	1	8 x 10 =	
10	5 x 8 =	32	2	8 x 1 =	
11	8 x 6 =	33	3	8 x 6 =	
12	6 x 8 =	34	4	8 x 4 =	
13	8 x 7 =	35	5	8 x 9 =	
14	7 x 8 =	36	6	8 x 2 =	
15	8 x 8 =	37	7	8 x 7 =	
16	8 x 9 =	38	в	8 x 3 =	
17	9 x 8 =	39	9	8 x 8 =	
18	8 x 10 =	40	D	11 x 8 =	
19	10 x 8 =	4	1	8 x 11 =	
20	1 x 8 =	42	2	12 x 8 =	
21	10 x 8 =	43	3	8 x 12 =	
22	2 x 8 =	44	4	13 x 8 =	

# Correct \_\_\_\_\_



Lesson 9: Date: Build and write fractions greater than one whole using unit fractions. 9/22/14



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



COMMON CORE

Lesson 9: Date:

Build and write fractions greater than one whole using unit fractions. 9/22/14



Α	Multiply or divide.			# Correct
1	2 x 8 =	23	x 8 = 80	
2	3 x 8 =	24	x 8 = 16	
3	4 x 8 =	25	x 8 = 24	
4	5 x 8 =	26	80 ÷ 8 =	
5	1 x 8 =	27	40 ÷ 8 =	
6	16 ÷ 8 =	28	8 ÷ 8 =	
7	24 ÷ 8 =	29	16 ÷ 8 =	
8	40 ÷ 8 =	30	24 ÷ 8 =	
9	8 ÷ 8 =	31	x 8 = 48	
10	32 ÷ 8 =	32	x 8 = 56	
11	6 x 8 =	33	x 8 = 72	
12	7 x 8 =	34	x 8 = 64	
13	8 x 8 =	35	56 ÷ 8 =	
14	9 x 8 =	36	72 ÷ 8 =	
15	10 x 8 =	37	48 ÷ 8 =	
16	64 ÷ 8 =	38	64 ÷ 8 =	
17	56 ÷ 8 =	39	11 x 8 =	
18	72 ÷ 8 =	40	88 ÷ 8 =	
19	48 ÷ 8 =	41	12 x 8 =	
20	80 ÷ 8 =	42	96 ÷ 8 =	
21	x 8 = 40	43	14 x 8 =	
22	x 8 = 8	44	112 ÷ 8 =	

.





Lesson 10: Date:

9/22/14

Compare unit fractions by reasoning about their size using fraction strips.

engage<sup>ny</sup>

5.C.8

В	Multiply or divide.	Improvemer	nt	# Correct
1	1 x 8 =	23	x 8 = 16	
2	2 x 8 =	24	x 8 = 80	
3	3 x 8 =	25	x 8 = 24	
4	4 x 8 =	26	16 ÷ 8 =	
5	5 x 8 =	27	8 ÷ 8 =	
6	24 ÷ 8 =	28	80 ÷ 8 =	
7	16 ÷ 8 =	29	40 ÷ 8 =	
8	32 ÷ 8 =	30	24 ÷ 8 =	
9	8 ÷ 8 =	31	x 8 = 24	
10	40 ÷ 8 =	32	x 8 = 32	
11	10 x 8 =	33	x 8 = 72	
12	6 x 8 =	34	x 8 = 56	
13	7 x 8 =	35	64 ÷ 8 =	
14	8 x 8 =	36	72 ÷8 =	
15	9 x 8 =	37	48 ÷ 8 =	
16	56 ÷ 8 =	38	56 ÷ 8 =	
17	48 ÷ 8 =	39	11 x 8 =	
18	64 ÷ 8 =	40	88 ÷ 8 =	
19	80 ÷ 8 =	41	12 x 8 =	
20	72 ÷8 =	42	96 ÷ 8 =	
21	x 8 = 8	43	13 x 8 =	
22	x 8 = 40	44	104 ÷ 8 =	



Lesson 10: Date:

strips. 9/22/14

Compare unit fractions by reasoning about their size using fraction



5.C.9

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



Lesson 12: Date:

Specify the corresponding whole when presented with one equal part. engage<sup>ny</sup> 9/22/14

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



Lesson 12: Date: Specify the corresponding whole when presented with one equal part. engage<sup>ny</sup>

Α	Multiply or divide.			# Correct
1	2 x 9 =	23	x 9 = 90	
2	3 x 9 =	24	x 9 = 18	
3	4 x 9 =	25	x 9 = 27	
4	5 x 9 =	26	90 ÷ 9 =	
5	1 x 9 =	27	45 ÷ 9 =	
6	18 ÷ 9 =	28	9 ÷ 9 =	
7	27 ÷ 9 =	29	18 ÷ 9 =	
8	45 ÷ 9 =	30	27 ÷ 9 =	
9	9 ÷ 9 =	31	x 9 = 54	
10	36 ÷ 9 =	32	x 9 = 63	
11	6 x 9 =	33	x 9 = 81	
12	7 x 9 =	34	x 9 = 72	
13	8 x 9 =	35	63 ÷ 9 =	
14	9 x 9 =	36	81 ÷ 9 =	
15	10 x 9 =	37	54 ÷ 9 =	
16	72 ÷ 9 =	38	72 ÷ 9 =	
17	63 ÷ 9 =	39	11 x 9 =	
18	81 ÷ 9 =	40	99 ÷ 9 =	
19	54 ÷ 9 =	41	12 x 9 =	
20	90 ÷ 9 =	42	108 ÷ 9 =	
21	x 9 = 45	43	14 x 9 =	
22	x 9 = 9	44	126 ÷ 9 =	

COMMON CORE Date:

Lesson 16: on the number line. 9/22/14

Place whole number fractions and fractions between whole numbers

engage<sup>ny</sup>

В	Multiply or divide.	Improvemen	t	# Correct
1	1 x 9 =	23	x 9 = 18	
2	2 x 9 =	24	x 9 = 90	
3	3 x 9 =	25	x 9 = 27	
4	4 x 9 =	26	18 ÷ 9 =	
5	5 x 9 =	27	9 ÷ 9 =	
6	27 ÷ 9 =	28	90 ÷ 9 =	
7	18 ÷ 9 =	29	45 ÷ 9 =	
8	36 ÷ 9 =	30	27 ÷ 9 =	
9	9 ÷ 9 =	31	x 9 = 27	
10	45 ÷ 9 =	32	x 9 = 36	
11	10 x 9 =	33	x 9 = 81	
12	6 x 9 =	34	x 9 = 63	
13	7 x 9 =	35	72 ÷ 9 =	
14	8 x 9 =	36	81 ÷ 9 =	
15	9 x 9 =	37	54 ÷ 9 =	
16	63 ÷ 9 =	38	63 ÷ 9 =	
17	54 ÷ 9 =	39	11 x 9 =	
18	72 ÷ 9 =	40	99 ÷ 9 =	
19	90 ÷ 9 =	41	12 x 9 =	
20	81 ÷ 9 =	42	108 ÷ 9 =	
21	x 9 = 9	43	13 x 9 =	
22	x 9 = 45	44	117 ÷ 9 =	



Lesson 16: Date: Place whole number fractions and fractions between whole numbers on the number line. 9/22/14



Α	Divide.		# Correct
1	3 ÷ 3 =	23	3 24 ÷ 3 =
2	4 ÷ 4 =	24	4 16 ÷ 2 =
3	5 ÷ 5 =	25	5 30 ÷ 10 =
4	19 ÷ 19 =	26	6 30 ÷ 3 =
5	0 ÷ 1 =	27	7 27 ÷ 3 =
6	0 ÷ 2 =	28	8 18 ÷ 2 =
7	0 ÷ 3 =	29	9 40 ÷ 10 =
8	0 ÷ 19 =	30	0 40 ÷ 4 =
9	6 ÷ 3 =	31	1 20 ÷ 4 =
10	9 ÷ 3 =	32	2 20 ÷ 5 =
11	12 ÷ 3 =	33	3 24 ÷ 4 =
12	15 ÷ 3 =	34	4 30 ÷ 5 =
13	4 ÷ 2 =	35	5 28 ÷ 4 =
14	6 ÷ 2 =	36	6 40 ÷ 5 =
15	8 ÷ 2 =	37	7 32 ÷ 4 =
16	10 ÷ 2 =	38	8 45 ÷ 5 =
17	18 ÷ 3 =	39	9 44 ÷ 4 =
18	12 ÷ 2 =	40	0 36 ÷ 4 =
19	21 ÷ 3 =	41	1 48 ÷ 6 =
20	14 ÷ 2 =	42	2 63 ÷ 7 =
21	20 ÷ 10 =	43	3 64 ÷ 8 =
22	20 ÷ 2 =	44	4 72 ÷ 9 =



Lesson 17: Date: Practice placing various fractions on the number line. 9/22/14



5.D.39

в	Divide.	Improvemer	nt	# Correct
1	2 ÷ 2 =	23	16 ÷ 2 =	
2	3 ÷ 3 =	24	24 ÷ 3 =	
3	4 ÷ 4 =	25	30 ÷ 3 =	
4	17 ÷ 17 =	26	30 ÷ 10 =	
5	0 ÷ 2 =	27	18 ÷ 2 =	
6	0 ÷ 3 =	28	27 ÷ 3 =	
7	0 ÷ 4 =	29	40 ÷ 4 =	
8	0 ÷ 17 =	30	40 ÷ 10 =	
9	4 ÷ 2 =	31	20 ÷ 5 =	
10	6 ÷ 2 =	32	20 ÷ 4 =	
11	8 ÷ 2 =	33	30 ÷ 5 =	
12	10 ÷ 2 =	34	24 ÷ 4 =	
13	6 ÷ 3 =	35	40 ÷ 5 =	
14	9 ÷ 3 =	36	28 ÷ 4 =	
15	12 ÷ 3 =	37	45 ÷ 5 =	
16	15 ÷ 3 =	38	32 ÷ 4 =	
17	12 ÷ 2 =	39	55 ÷ 5 =	
18	18 ÷ 3 =	40	36 ÷ 4 =	
19	14 ÷ 2 =	41	54 ÷ 6 =	
20	21 ÷ 3 =	42	56 ÷ 7 =	
21	20 ÷ 2 =	43	72 ÷ 8 =	
22	20 ÷ 10 =	44	63 ÷ 9 =	



Lesson 17: Date: Practice placing various fractions on the number line. 9/22/14



5.D.40

Write each fraction as a whole number.

```
# Correct _____
```

	Write each fraction as a whole			_
1	$\frac{2}{1} =$	23	$\frac{\frac{6}{3}}{\frac{3}{3}} =$	
2	$\frac{2}{2} =$	24	$\frac{3}{3} =$	
3	$\frac{4}{2} =$	25	$\frac{3}{1}$ =	
4	$\frac{6}{2} =$	26	$\frac{9}{3} =$	
5	$\frac{10}{2} =$	27	$\frac{16}{4} =$	
6	$\frac{\frac{10}{2}}{\frac{8}{2}} = \frac{5}{1} = \frac{5}{1}$	28	$\frac{20}{4} =$	
7	$\frac{5}{1} =$	29	$\frac{12}{3} =$	
8	$\frac{5}{5} =$	30	$\frac{15}{3} =$	
9	$\frac{10}{5} =$	31	$\frac{70}{10} =$	
10	$\frac{15}{5} =$	32	$\frac{12}{2} =$	
11	$\frac{25}{5} =$	33	$\frac{\frac{12}{2}}{\frac{14}{2}} =$	
12	$\frac{20}{5} =$	34	$\frac{90}{10} =$	
13	$\frac{10}{10} =$	35	$\frac{30}{5} =$	
14	$\frac{50}{10} =$	36	$\frac{\frac{30}{5}}{\frac{35}{5}} =$	
15	$\frac{30}{10} =$	37	$\frac{60}{10} =$	
16	$\frac{10}{1} =$	38	$\frac{18}{2}$ =	
17	$\frac{20}{10} =$	39	$\frac{40}{5} =$	
18	$\frac{40}{10} =$	40	$\frac{80}{10} =$	
19	$\frac{8}{4} =$	41	$\frac{\frac{16}{2}}{\frac{45}{5}} = \frac{\frac{27}{3}}{\frac{32}{4}} = \frac{\frac{32}{4}}{\frac{32}{4}} = \frac{\frac{16}{2}}{\frac{100}{2}}$	
20	$\frac{4}{4} =$	42	$\frac{45}{5}=$	
21	$\frac{4}{1} =$	43	$\frac{27}{3} =$	
22	$\frac{12}{4} =$	44	$\frac{32}{4}=$	



Lesson 19: Date: Understand distance and position on the number line as strategies for comparing fractions. (Optional) 9/22/14

engage<sup>ny</sup> 5.D.61

В	Write each fraction as a whole number	Improvement	# Correct
1	$\frac{5}{1} =$	23	$\frac{8}{4} =$
2	$\frac{5}{5}=$	24	$\frac{4}{4} =$
3	$\frac{10}{5} =$	25	$\frac{4}{1} =$
4	$\frac{15}{5} =$	26	$\frac{12}{4} =$
5	$\frac{25}{5} =$	27	$\frac{12}{3} =$
6	$\frac{20}{5} =$	28	$\frac{15}{3} =$
7	$\frac{2}{1} =$	29	$\frac{16}{4}$ =
8	$\frac{2}{2} =$	30	$\frac{20}{4} =$
9	$\frac{4}{2} =$	31	$\frac{90}{10} =$
10	$\frac{6}{2}$ =	32	$\frac{30}{5} =$
11	$\frac{10}{2} =$	33	$\frac{35}{5}=$
12	$\frac{10}{2} =$ $\frac{8}{2} =$	34	$\frac{70}{10} =$
13	$\frac{10}{1} =$	35	$\frac{12}{2} =$
14	$\frac{10}{10} =$	36	$\frac{14}{2} =$
15	$\frac{50}{10} =$	37	$\frac{80}{10} =$
16	$\frac{30}{10} =$	38	$\frac{45}{5} =$
17	$\frac{20}{10} =$	39	$\frac{16}{2} =$
18	$\frac{40}{10} =$	40	$\frac{60}{10} =$
19	$\frac{6}{3} =$	41	$\frac{18}{2}$ =
20	$\frac{3}{3} =$	42	$\frac{40}{5} =$
21	$\frac{3}{1} =$	43	$\frac{36}{4} =$
22	$\frac{9}{3}=$	44	$\frac{24}{3} =$



Lesson 19: Date: Understand distance and position on the number line as strategies for comparing fractions. (Optional) 9/22/14

5.D.62

1		
	۰	

# Correct \_\_\_\_\_

	Add.			
1	0 + 6 =	23	7 + 6 =	
2	1 + 6 =	24	17 + 6 =	
3	2 + 6 =	25	27 + 6 =	
4	3 + 6 =	26	37 + 6 =	
5	4 + 6 =	27	47 + 6 =	
6	6 + 4 =	28	77 + 6 =	
7	6 + 3 =	29	8 + 6 =	
8	6 + 2 =	30	18 + 6 =	
9	6 + 1 =	31	28 + 6 =	
10	6 + 0 =	32	38 + 6 =	
11	15 + 6 =	33	48 + 6 =	
12	25 + 6 =	34	78 + 6 =	
13	35 + 6 =	35	9 + 6 =	
14	45 + 6 =	36	19 + 6 =	
15	55 + 6 =	37	29 + 6 =	
16	85 + 6 =	38	39 + 6 =	
17	6 + 6 =	39	89 + 6 =	
18	16 + 6 =	40	6 + 75 =	
19	26 + 6 =	41	6 + 56 =	
20	36 + 6 =	42	6 + 77 =	
21	46 + 6 =	43	6 + 88 =	
22	76 + 6 =	44	6 + 99 =	



Lesson 23: Date:

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Generate simple equivalent fractions by using visual fraction models and the number line. 9/22/14



В	Add.	Improvement	# Correct
1	6 + 0 =	23	7 + 6 =
2	6 + 1 =	24	17 + 6 =
3	6 + 2 =	25 2	27 + 6 =
4	6 + 3 =	26 3	37 + 6 =
5	6 + 4 =	27 4	17 + 6 =
6	4 + 6 =	28 6	67 + 6 =
7	3 + 6 =	29	8 + 6 =
8	2 + 6 =	30	18 + 6 =
9	1 + 6 =	31 2	28 + 6 =
10	0 + 6 =	32 3	38 + 6 =
11	5 + 6 =	33 4	18 + 6 =
12	15 + 6 =	34 8	38 + 6 =
13	25 + 6 =	35	9 + 6 =
14	35 + 6 =	36	19 + 6 =
15	45 + 6 =	37 2	29 + 6 =
16	75 + 6 =	38 3	39 + 6 =
17	6 + 6 =	39	79 + 6 =
18	16 + 6 =	40 6	6 + 55 =
19	26 + 6 =	41 6	6 + 76 =
20	36 + 6 =	42 6	6 + 57 =
21	46 + 6 =	43 6	6 + 98 =
22	86 + 6 =	44 6	6 + 89 =





Lesson 23: Date:

Generate simple equivalent fractions by using visual fraction models and the number line. 9/22/14



	Add.		
1	0 + 7 =	23	3 6 + 7 =
2	1 + 7 =	24	4 16 + 7 =
3	2 + 7 =	25	5 26 + 7 =
4	3 + 7 =	26	6 36 + 7 =
5	7 + 3 =	27	7 46 + 7 =
6	7 + 2 =	28	8 66 + 7 =
7	7 + 1 =	29	9 7 + 7 =
8	7 + 0 =	30	0 17 + 7 =
9	4 + 7 =	31	1 27 + 7 =
10	14 + 7 =	32	2 37 + 7 =
11	24 + 7 =	33	3 87 + 7 =
12	34 + 7 =	34	4 8 + 7 =
13	44 + 7 =	35	5 18 + 7 =
14	84 + 7 =	36	6 28 + 7 =
15	64 + 7 =	37	7 38 + 7 =
16	5 + 7 =	38	8 78 + 7 =
17	15 + 7 =	39	9 9 + 7 =
18	25 + 7 =	40	0 19 + 7 =
19	35 + 7 =	41	1 29 + 7 =
20	45 + 7 =	42	2 39 + 7 =
21	75 + 7 =	43	3 49 + 7 =
22	55 + 7 =	44	4 79 + 7 =

# Correct \_\_\_\_\_



Lesson 24: Date: Express whole numbers as fractions and recognize equivalence with different units. 9/22/14

engage<sup>ny</sup>

В	Add.	Improvement _	# Correct
1	7 + 0 =	23	6 + 7 =
2	7 + 1 =	24	16 + 7 =
3	7 + 2 =	25	26 + 7 =
4	7 + 3 =	26	36 + 7 =
5	3 + 7 =	27	46 + 7 =
6	2 + 7 =	28	76 + 7 =
7	1 + 7 =	29	7 + 7 =
8	0 + 7 =	30	17 + 7 =
9	4 + 7 =	31	27 + 7 =
10	14 + 7 =	32	37 + 7 =
11	24 + 7 =	33	67 + 7 =
12	34 + 7 =	34	8 + 7 =
13	44 + 7 =	35	18 + 7 =
14	74 + 7 =	36	28 + 7 =
15	54 + 7 =	37	38 + 7 =
16	5 + 7 =	38	88 + 7 =
17	15 + 7 =	39	9 + 7 =
18	25 + 7 =	40	19 + 7 =
19	35 + 7 =	41	29 + 7 =
20	45 + 7 =	42	39 + 7 =
21	85 + 7 =	43	49 + 7 =
22	65 + 7 =	44	89 + 7 =



Lesson 24: Date: Express whole numbers as fractions and recognize equivalence with different units. 9/22/14



	Subtract.			
1	16 - 6 =	23	23 - 6 =	
2	6 - 6 =	24	33 - 6 =	
3	26 - 6 =	25	63 - 6 =	
4	7 - 6 =	26	83 - 6 =	
5	17 - 6 =	27	14 - 6 =	
6	37 - 6 =	28	24 - 6 =	
7	8 - 6 =	29	34 - 6 =	
8	18 - 6 =	30	74 - 6 =	
9	48 - 6 =	31	54 - 6 =	
10	9 - 6 =	32	15 - 6 =	
11	19 - 6 =	33	25 - 6 =	
12	59 - 6 =	34	35 - 6 =	
13	10 - 6 =	35	85 - 6 =	
14	20 - 6 =	36	65 - 6 =	
15	70 - 6 =	37	90 - 6 =	
16	11 - 6 =	38	53 - 6 =	
17	21 - 6 =	39	42 - 6 =	
18	81 - 6 =	40	71 - 6 =	
19	12 - 6 =	41	74 - 6 =	
20	22 - 6 =	42	95 - 6 =	
21	82 - 6 =	43	51 - 6 =	
22	13 - 6 =	44	92 - 6 =	

# Correct \_\_\_\_\_



Lesson 25: Date:

9/22/14

Express whole number fractions on the number line when the unit interval is 1.

engage<sup>ny</sup>

В	Subtract.	Improvement	# Correct
1	6 - 6 =	23 23 -	6 =
2	16 - 6 =	24 33 -	6 =
3	26 - 6 =	25 53 -	6 =
4	7 - 6 =	26 73 -	6 =
5	17 - 6 =	27 14 -	6 =
6	67 - 6 =	28 24 -	6 =
7	8 - 6 =	29 34 -	6 =
8	18 - 6 =	30 64 -	6 =
9	78 - 6 =	31 44 -	6 =
10	9 - 6 =	32 15 -	6 =
11	19 - 6 =	33 25 -	6 =
12	89 - 6 =	34 35 -	6 =
13	10 - 6 =	35 75 -	6 =
14	20 - 6 =	36 55 -	6 =
15	90 - 6 =	37 70 -	6 =
16	11 - 6 =	38 63 -	6 =
17	21 - 6 =	39 52 -	6 =
18	41 - 6 =	40 81 -	6 =
19	12 - 6 =	41 64 -	6 =
20	22 - 6 =	42 85 -	6 =
21	42 - 6 =	43 91 -	6 =
22	13 - 6 =	44 52 -	6 =



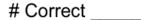
Lesson 25: Date:

9/22/14

Express whole number fractions on the number line when the unit interval is 1.



Add		# Conect
0 + 8 =	23	8 65 + 8 =
1 + 8 =	24	6 + 8 =
2 + 8 =	25	5 16 + 8 =
8 + 2 =	26	6 26 + 8 =
1 + 8 =	27	36 + 8 =
0 + 8 =	28	8 86 + 8 =
3 + 8 =	29	46 + 8 =
13 + 8 =	30	) 7 + 8 =
23 + 8 =	31	17 + 8 =
33 + 8 =	32	2 27 + 8 =
43 + 8 =	33	3 37 + 8 =
83 + 8 =	34	77 + 8 =
4 + 8 =	35	5 8 + 8 =
14 + 8 =	36	6 18 + 8 =
24 + 8 =	37	28 + 8 =
34 + 8 =	38	3 38 + 8 =
44 + 8 =	39	68 + 8 =
74 + 8 =	40	9 + 8 =
5 + 8 =	41	19 + 8 =
15 + 8 =	42	2 29 + 8 =
25 + 8 =	43	3 39 + 8 =
35 + 8 =	44	89 + 8 =
	$ \begin{array}{r} 1 + 8 = \\ 2 + 8 = \\ 8 + 2 = \\ 1 + 8 = \\ 0 + 8 = \\ 3 + 8 = \\ 3 + 8 = \\ 23 + 8 = \\ 33 + 8 = \\ 33 + 8 = \\ 43 + 8 = \\ 43 + 8 = \\ 43 + 8 = \\ 44 + 8 = \\ 24 + 8 = \\ 24 + 8 = \\ 34 + 8 = \\ 34 + 8 = \\ 34 + 8 = \\ 5 + 8 = \\ 15 + 8 = \\ 15 + 8 = \\ 25 + 8 = \\ 25 + 8 = \\ \end{array} $	0 + 8 =23 $1 + 8 =$ 24 $2 + 8 =$ 25 $8 + 2 =$ 26 $1 + 8 =$ 27 $0 + 8 =$ 28 $3 + 8 =$ 29 $13 + 8 =$ 30 $23 + 8 =$ 31 $33 + 8 =$ 32 $43 + 8 =$ 33 $83 + 8 =$ 32 $14 + 8 =$ 36 $25 + 8 =$ 41 $15 + 8 =$ 42 $25 + 8 =$ 43





Lesson 26: Date: Decompose whole number fractions greater than 1 using whole number equivalence with various models. 9/22/14



В	Add.	Improvement	# Correct
1	8 + 0 =	23	55 + 8 =
2	8 + 1 =	24	6 + 8 =
3	8 + 2 =	25	16 + 8 =
4	2 + 8 =	26	26 + 8 =
5	1 + 8 =	27	36 + 8 =
6	0 + 8 =	28	66 + 8 =
7	3 + 8 =	29	56 + 8 =
8	13 + 8 =	30	7 + 8 =
9	23 + 8 =	31	17 + 8 =
10	33 + 8 =	32	27 + 8 =
11	43 + 8 =	33	37 + 8 =
12	73 + 8 =	34	67 + 8 =
13	4 + 8 =	35	8 + 8 =
14	14 + 8 =	36	18 + 8 =
15	24 + 8 =	37	28 + 8 =
16	34 + 8 =	38	38 + 8 =
17	44 + 8 =	39	78 + 8 =
18	84 + 8 =	40	9 + 8 =
19	5 + 8 =	41	19 + 8 =
20	15 + 8 =	42	29 + 8 =
21	25 + 8 =	43	39 + 8 =
22	35 + 8 =	44	89 + 8 =



Lesson 26: Date: Decompose whole number fractions greater than 1 using whole number equivalence with various models. 9/22/14



A	Subtract.			
1	17 - 7 =	23	24 - 7 =	
2	7 - 7 =	24	34 - 7 =	
3	27 - 7 =	25	64 - 7 =	
4	8 - 7 =	26	84 - 7 =	
5	18 - 7 =	27	15 - 7 =	
6	38 - 7 =	28	25 - 7 =	
7	9 - 7 =	29	35 - 7 =	
8	19 - 7 =	30	75 - 7 =	
9	49 - 7 =	31	55 - 7 =	
10	10 - 7 =	32	16 - 7 =	
11	20 - 7 =	33	26 - 7 =	
12	60 - 7 =	34	36 - 7 =	
13	11 - 7 =	35	86 - 7 =	
14	21 - 7 =	36	66 - 7 =	
15	71 - 7 =	37	90 - 7 =	
16	12 - 7 =	38	53 - 7 =	
17	22 - 7 =	39	42 - 7 =	
18	82 - 7 =	40	71 - 7 =	
19	13 - 7 =	41	74 - 7 =	
20	23 - 7 =	42	56 - 7 =	
21	83 - 7 =	43	95 - 7 =	
22	14 - 7 =	44	92 - 7 =	





Lesson 27: Date:

9/22/14

Explain equivalence by manipulating units and reasoning about their size.

engage<sup>ny</sup>

В	Subtract.	Improvement	# Correct
1	7 - 7 =	23 24	1 - 7 =
2	17 - 7 =	24 34	1 - 7 =
3	27 - 7 =	25 54	4 - 7 =
4	8 - 7 =	26 74	4 - 7 =
5	18 - 7 =	27 15	5 - 7 =
6	68 - 7 =	28 25	5 - 7 =
7	9 - 7 =	29 35	5 - 7 =
8	19 - 7 =	30 65	5 - 7 =
9	79 - 7 =	31 45	5 - 7 =
10	10 - 7 =	32 16	6 - 7 =
11	20 - 7 =	33 26	6 - 7 =
12	90 - 7 =	34 36	6 - 7 =
13	11 - 7 =	35 76	6 - 7 =
14	21 - 7 =	36 56	6 - 7 =
15	91 - 7 =	37 70	) - 7 =
16	12 - 7 =	38 63	3 - 7 =
17	22 - 7 =	39 52	2 - 7 =
18	42 - 7 =	40 87	1 - 7 =
19	13 - 7 =	41 74	4 - 7 =
20	23 - 7 =	42 66	6 - 7 =
21	43 - 7 =	43 85	5 - 7 =
22	14 - 7 =	44 52	2 - 7 =



Lesson 27:

9/22/14

Date:

Explain equivalence by manipulating units and reasoning about their size.



1 $18 - 8 =$ 23 $74 - 8 =$ 2 $8 - 8 =$ 24 $15 - 8 =$ 3 $28 - 8 =$ 25 $25 - 8 =$ 4 $9 - 8 =$ 26 $35 - 8 =$ 5 $19 - 8 =$ 27 $85 - 8 =$ 6 $39 - 8 =$ 28 $65 - 8 =$ 7 $10 - 8 =$ 29 $16 - 8 =$ 8 $20 - 8 =$ 30 $26 - 8 =$ 9 $50 - 8 =$ 31 $36 - 8 =$ 10 $11 - 8 =$ 32 $96 - 8 =$ 11 $21 - 8 =$ 33 $76 - 8 =$ 12 $71 - 8 =$ 34 $17 - 8 =$ 13 $12 - 8 =$ 36 $37 - 8 =$ 14 $22 - 8 =$ 36 $37 - 8 =$ 15 $82 - 8 =$ 39 $70 - 8 =$ 16 $13 - 8 =$ 39 $70 - 8 =$ 18 $83 - 8 =$ 40 $62 - 8 =$ 19 $14 - 8 =$ 41 $84 - 8 =$ 20 $24 - 8 =$ 43 $91 - 8 =$		Subtract.		
3 $28 - 8 =$ $25$ $25 - 8 =$ $4$ $9 - 8 =$ $26$ $35 - 8 =$ $5$ $19 - 8 =$ $27$ $85 - 8 =$ $6$ $39 - 8 =$ $28$ $65 - 8 =$ $7$ $10 - 8 =$ $29$ $16 - 8 =$ $8$ $20 - 8 =$ $30$ $26 - 8 =$ $9$ $50 - 8 =$ $31$ $36 - 8 =$ $10$ $11 - 8 =$ $32$ $96 - 8 =$ $11$ $21 - 8 =$ $33$ $76 - 8 =$ $12$ $71 - 8 =$ $34$ $17 - 8 =$ $13$ $12 - 8 =$ $35$ $27 - 8 =$ $14$ $22 - 8 =$ $36$ $37 - 8 =$ $15$ $82 - 8 =$ $37$ $87 - 8 =$ $16$ $13 - 8 =$ $38$ $67 - 8 =$ $17$ $23 - 8 =$ $39$ $70 - 8 =$ $18$ $83 - 8 =$ $40$ $62 - 8 =$ $19$ $14 - 8 =$ $41$ $84 - 8 =$ $20$ $24 - 8 =$ $42$ $66 - 8 =$ $21$ $34 - 8 =$ $43$ $91 - 8 =$	1	18 - 8 =	23	74 - 8 =
4 $9 - 8 =$ $26$ $35 - 8 =$ $5$ $19 - 8 =$ $27$ $85 - 8 =$ $6$ $39 - 8 =$ $28$ $65 - 8 =$ $7$ $10 - 8 =$ $29$ $16 - 8 =$ $8$ $20 - 8 =$ $30$ $26 - 8 =$ $9$ $50 - 8 =$ $31$ $36 - 8 =$ $9$ $50 - 8 =$ $31$ $36 - 8 =$ $10$ $11 - 8 =$ $32$ $96 - 8 =$ $10$ $11 - 8 =$ $32$ $96 - 8 =$ $11$ $21 - 8 =$ $33$ $76 - 8 =$ $12$ $71 - 8 =$ $34$ $17 - 8 =$ $13$ $12 - 8 =$ $35$ $27 - 8 =$ $14$ $22 - 8 =$ $36$ $37 - 8 =$ $15$ $82 - 8 =$ $37$ $87 - 8 =$ $16$ $13 - 8 =$ $39$ $70 - 8 =$ $17$ $23 - 8 =$ $40$ $62 - 8 =$ $18$ $83 - 8 =$ $40$ $62 - 8 =$ $19$ $14 - 8 =$ $41$ $84 - 8 =$ $20$ $24 - 8 =$ $42$ $66 - 8 =$ $21$ $34 - 8 =$ $43$ $91 - 8 =$	2	8 - 8 =	24	15 - 8 =
5 $19 - 8 =$ $27$ $85 - 8 =$ $6$ $39 - 8 =$ $28$ $65 - 8 =$ $7$ $10 - 8 =$ $29$ $16 - 8 =$ $8$ $20 - 8 =$ $30$ $26 - 8 =$ $9$ $50 - 8 =$ $31$ $36 - 8 =$ $9$ $50 - 8 =$ $31$ $36 - 8 =$ $10$ $11 - 8 =$ $32$ $96 - 8 =$ $11$ $21 - 8 =$ $33$ $76 - 8 =$ $12$ $71 - 8 =$ $34$ $17 - 8 =$ $13$ $12 - 8 =$ $35$ $27 - 8 =$ $14$ $22 - 8 =$ $36$ $37 - 8 =$ $15$ $82 - 8 =$ $37$ $87 - 8 =$ $16$ $13 - 8 =$ $38$ $67 - 8 =$ $17$ $23 - 8 =$ $39$ $70 - 8 =$ $18$ $83 - 8 =$ $40$ $62 - 8 =$ $19$ $14 - 8 =$ $41$ $84 - 8 =$ $20$ $24 - 8 =$ $42$ $66 - 8 =$ $21$ $34 - 8 =$ $43$ $91 - 8 =$	3	28 - 8 =	25	25 - 8 =
6 $39 - 8 =$ $28$ $65 - 8 =$ $7$ $10 - 8 =$ $29$ $16 - 8 =$ $8$ $20 - 8 =$ $30$ $26 - 8 =$ $9$ $50 - 8 =$ $31$ $36 - 8 =$ $10$ $11 - 8 =$ $32$ $96 - 8 =$ $11$ $21 - 8 =$ $33$ $76 - 8 =$ $11$ $21 - 8 =$ $33$ $76 - 8 =$ $12$ $71 - 8 =$ $34$ $17 - 8 =$ $13$ $12 - 8 =$ $35$ $27 - 8 =$ $14$ $22 - 8 =$ $36$ $37 - 8 =$ $15$ $82 - 8 =$ $37$ $87 - 8 =$ $16$ $13 - 8 =$ $38$ $67 - 8 =$ $17$ $23 - 8 =$ $39$ $70 - 8 =$ $18$ $83 - 8 =$ $40$ $62 - 8 =$ $19$ $14 - 8 =$ $41$ $84 - 8 =$ $20$ $24 - 8 =$ $42$ $66 - 8 =$ $21$ $34 - 8 =$ $43$ $91 - 8 =$	4	9 - 8 =	26	35 - 8 =
7 $10 - 8 =$ $29$ $16 - 8 =$ $8$ $20 - 8 =$ $30$ $26 - 8 =$ $9$ $50 - 8 =$ $31$ $36 - 8 =$ $10$ $11 - 8 =$ $32$ $96 - 8 =$ $11$ $21 - 8 =$ $33$ $76 - 8 =$ $12$ $71 - 8 =$ $34$ $17 - 8 =$ $12$ $71 - 8 =$ $35$ $27 - 8 =$ $13$ $12 - 8 =$ $35$ $27 - 8 =$ $14$ $22 - 8 =$ $36$ $37 - 8 =$ $15$ $82 - 8 =$ $37$ $87 - 8 =$ $16$ $13 - 8 =$ $38$ $67 - 8 =$ $17$ $23 - 8 =$ $39$ $70 - 8 =$ $18$ $83 - 8 =$ $40$ $62 - 8 =$ $19$ $14 - 8 =$ $41$ $84 - 8 =$ $20$ $24 - 8 =$ $42$ $66 - 8 =$ $21$ $34 - 8 =$ $43$ $91 - 8 =$	5	19 - 8 =	27	85 - 8 =
8 $20 - 8 =$ $30$ $26 - 8 =$ $9$ $50 - 8 =$ $31$ $36 - 8 =$ $10$ $11 - 8 =$ $32$ $96 - 8 =$ $11$ $21 - 8 =$ $33$ $76 - 8 =$ $12$ $71 - 8 =$ $34$ $17 - 8 =$ $12$ $71 - 8 =$ $34$ $17 - 8 =$ $13$ $12 - 8 =$ $35$ $27 - 8 =$ $14$ $22 - 8 =$ $36$ $37 - 8 =$ $15$ $82 - 8 =$ $37$ $87 - 8 =$ $16$ $13 - 8 =$ $38$ $67 - 8 =$ $17$ $23 - 8 =$ $39$ $70 - 8 =$ $18$ $83 - 8 =$ $40$ $62 - 8 =$ $19$ $14 - 8 =$ $41$ $84 - 8 =$ $20$ $24 - 8 =$ $42$ $66 - 8 =$ $21$ $34 - 8 =$ $43$ $91 - 8 =$	6	39 - 8 =	28	65 - 8 =
9 $50 - 8 =$ $31$ $36 - 8 =$ 10 $11 - 8 =$ $32$ $96 - 8 =$ 11 $21 - 8 =$ $33$ $76 - 8 =$ 12 $71 - 8 =$ $34$ $17 - 8 =$ 13 $12 - 8 =$ $35$ $27 - 8 =$ 14 $22 - 8 =$ $36$ $37 - 8 =$ 15 $82 - 8 =$ $37$ $87 - 8 =$ 16 $13 - 8 =$ $38$ $67 - 8 =$ 17 $23 - 8 =$ $39$ $70 - 8 =$ 18 $83 - 8 =$ $40$ $62 - 8 =$ 19 $14 - 8 =$ $41$ $84 - 8 =$ 20 $24 - 8 =$ $42$ $66 - 8 =$ 21 $34 - 8 =$ $43$ $91 - 8 =$	7	10 - 8 =	29	16 - 8 =
10 $11 - 8 =$ 32 $96 - 8 =$ 11 $21 - 8 =$ 33 $76 - 8 =$ 12 $71 - 8 =$ 34 $17 - 8 =$ 13 $12 - 8 =$ 35 $27 - 8 =$ 14 $22 - 8 =$ 36 $37 - 8 =$ 15 $82 - 8 =$ 37 $87 - 8 =$ 16 $13 - 8 =$ 38 $67 - 8 =$ 17 $23 - 8 =$ 39 $70 - 8 =$ 18 $83 - 8 =$ 40 $62 - 8 =$ 19 $14 - 8 =$ 41 $84 - 8 =$ 20 $24 - 8 =$ 42 $66 - 8 =$ 21 $34 - 8 =$ 43 $91 - 8 =$	8	20 - 8 =	30	26 - 8 =
11 $21 - 8 =$ $33$ $76 - 8 =$ $12$ $71 - 8 =$ $34$ $17 - 8 =$ $13$ $12 - 8 =$ $35$ $27 - 8 =$ $14$ $22 - 8 =$ $36$ $37 - 8 =$ $14$ $22 - 8 =$ $36$ $37 - 8 =$ $15$ $82 - 8 =$ $37$ $87 - 8 =$ $16$ $13 - 8 =$ $38$ $67 - 8 =$ $17$ $23 - 8 =$ $39$ $70 - 8 =$ $18$ $83 - 8 =$ $40$ $62 - 8 =$ $19$ $14 - 8 =$ $41$ $84 - 8 =$ $20$ $24 - 8 =$ $42$ $66 - 8 =$ $21$ $34 - 8 =$ $43$ $91 - 8 =$	9	50 - 8 =	31	36 - 8 =
12 $71 - 8 =$ $34$ $17 - 8 =$ $13$ $12 - 8 =$ $35$ $27 - 8 =$ $14$ $22 - 8 =$ $36$ $37 - 8 =$ $15$ $82 - 8 =$ $37$ $87 - 8 =$ $16$ $13 - 8 =$ $38$ $67 - 8 =$ $17$ $23 - 8 =$ $39$ $70 - 8 =$ $18$ $83 - 8 =$ $40$ $62 - 8 =$ $19$ $14 - 8 =$ $41$ $84 - 8 =$ $20$ $24 - 8 =$ $42$ $66 - 8 =$ $21$ $34 - 8 =$ $43$ $91 - 8 =$	10	11 - 8 =	32	96 - 8 =
13 $12 - 8 =$ 35 $27 - 8 =$ 14 $22 - 8 =$ 36 $37 - 8 =$ 15 $82 - 8 =$ 37 $87 - 8 =$ 16 $13 - 8 =$ 38 $67 - 8 =$ 17 $23 - 8 =$ 39 $70 - 8 =$ 18 $83 - 8 =$ 40 $62 - 8 =$ 19 $14 - 8 =$ 41 $84 - 8 =$ 20 $24 - 8 =$ 42 $66 - 8 =$ 21 $34 - 8 =$ 43 $91 - 8 =$	11	21 - 8 =	33	76 - 8 =
14 $22 - 8 =$ $36$ $37 - 8 =$ $15$ $82 - 8 =$ $37$ $87 - 8 =$ $16$ $13 - 8 =$ $38$ $67 - 8 =$ $17$ $23 - 8 =$ $39$ $70 - 8 =$ $18$ $83 - 8 =$ $40$ $62 - 8 =$ $19$ $14 - 8 =$ $41$ $84 - 8 =$ $20$ $24 - 8 =$ $42$ $66 - 8 =$ $21$ $34 - 8 =$ $43$ $91 - 8 =$	12	71 - 8 =	34	17 - 8 =
15 $82 - 8 =$ $37$ $87 - 8 =$ 16 $13 - 8 =$ $38$ $67 - 8 =$ 17 $23 - 8 =$ $39$ $70 - 8 =$ 18 $83 - 8 =$ $40$ $62 - 8 =$ 19 $14 - 8 =$ $41$ $84 - 8 =$ 20 $24 - 8 =$ $42$ $66 - 8 =$ 21 $34 - 8 =$ $43$ $91 - 8 =$	13	12 - 8 =	35	27 - 8 =
16 $13 - 8 =$ $38$ $67 - 8 =$ $17$ $23 - 8 =$ $39$ $70 - 8 =$ $18$ $83 - 8 =$ $40$ $62 - 8 =$ $19$ $14 - 8 =$ $41$ $84 - 8 =$ $20$ $24 - 8 =$ $42$ $66 - 8 =$ $21$ $34 - 8 =$ $43$ $91 - 8 =$	14	22 - 8 =	36	37 - 8 =
17 $23 - 8 =$ $39$ $70 - 8 =$ $18$ $83 - 8 =$ $40$ $62 - 8 =$ $19$ $14 - 8 =$ $41$ $84 - 8 =$ $20$ $24 - 8 =$ $42$ $66 - 8 =$ $21$ $34 - 8 =$ $43$ $91 - 8 =$	15	82 - 8 =	37	87 - 8 =
18 $83 - 8 =$ 40 $62 - 8 =$ 1914 - 8 =41 $84 - 8 =$ 2024 - 8 =42 $66 - 8 =$ 2134 - 8 =4391 - 8 =	16	13 - 8 =	38	67 - 8 =
19       14 - 8 =       41       84 - 8 =         20       24 - 8 =       42       66 - 8 =         21       34 - 8 =       43       91 - 8 =	17	23 - 8 =	39	70 - 8 =
20       24 - 8 =       42       66 - 8 =         21       34 - 8 =       43       91 - 8 =	18	83 - 8 =	40	62 - 8 =
21 34 - 8 = 43 91 - 8 =	19	14 - 8 =	41	84 - 8 =
	20	24 - 8 =	42	66 - 8 =
22 54 - 8 = 44 75 - 8 =	21	34 - 8 =	43	91 - 8 =
	22	54 - 8 =	44	75 - 8 =

## # Correct \_\_\_\_\_



Lesson 28: Date: Compare fractions with the same numerator pictorially. 9/22/14



5.F.6

В	Subtract.	Improvement	# Correct
1	8 - 8 =	23 94 -	- 8 =
2	18 - 8 =	24 15	- 8 =
3	28 - 8 =	25 25	- 8 =
4	9 - 8 =	26 35 ·	- 8 =
5	19 - 8 =	27 95 -	- 8 =
6	69 - 8 =	28 75	- 8 =
7	10 - 8 =	29 16 ·	- 8 =
8	20 - 8 =	30 26	- 8 =
9	60 - 8 =	31 36	- 8 =
10	11 - 8 =	32 66 -	- 8 =
11	21 - 8 =	33 46	- 8 =
12	81 - 8 =	34 17 -	- 8 =
13	12 - 8 =	35 27 -	- 8 =
14	22 - 8 =	36 37 -	- 8 =
15	52 - 8 =	37 97 -	- 8 =
16	13 - 8 =	38 77 -	- 8 =
17	23 - 8 =	39 80 -	- 8 =
18	93 - 8 =	40 71 -	- 8 =
19	14 - 8 =	41 53	- 8 =
20	24 - 8 =	42 45	- 8 =
21	34 - 8 =	43 87 -	- 8 =
22	74 - 8 =	44 54	- 8 =



Lesson 28: Date: Compare fractions with the same numerator pictorially. 9/22/14

