Correct _____

S	0	l١	Ī	e

	Solve.			
1	$\frac{1}{3} + \frac{1}{3} =$	23	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$	
2	$2 \times \frac{1}{3} =$	24	$4 \times \frac{1}{3} =$	
3	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$	25	$\frac{5}{6}$ =	$X \frac{1}{6}$
4	$3 \times \frac{1}{4} =$	26	$\frac{5}{6} = \frac{5}{6} = \frac{5}{8} = \frac{5}{8} = \frac{7}{8} = \frac{7}{10} = \frac{7}{8} = \frac{7}{10} = \frac{7}{10} = \frac{6}{6} = \frac{6}{6} = \frac{5}{10} = \frac{5}{10} = \frac{6}{10} = \frac{6}{10} = \frac{6}{1$	5 x
5	$\frac{1}{5} + \frac{1}{5} =$	27	$\frac{5}{8}$ =	5 x
6	$2 \times \frac{1}{5} =$	28	$\frac{5}{8}$ =	$X \frac{1}{8}$
7	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$	29	$\frac{7}{8}$ =	7 x
8	$3 \times \frac{1}{5} =$	30	$\frac{7}{10} =$	7 x
9	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$	31	$\frac{7}{8}$ =	$\mathbf{X} \frac{1}{8}$
10	$4 \times \frac{1}{5} =$	32	$\frac{7}{10} =$	$X \frac{1}{10}$
11	$\frac{1}{10} + \frac{1}{10} + \frac{1}{10} =$	33	$\frac{6}{6}$ =	6 x
12	$3 \times \frac{1}{10} =$	34	1 =	6 x
13	$\frac{1}{Q} + \frac{1}{Q} + \frac{1}{Q} =$	35	$\frac{8}{8}$ =	$\mathbf{X} \frac{1}{8}$
14	$3 \times \frac{1}{8} =$	36	1 =	$\mathbf{X} \frac{1}{8}$
15	$\frac{1}{2} + \frac{1}{2} =$	37	$9 \times \frac{1}{10} = $ $7 \times \frac{1}{5} = $	
16	$2 \times \frac{1}{2} =$	38	$7 \times \frac{1}{5} =$	
17	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$	39	1 =	3 x
18	$3 \times \frac{1}{3} =$	40	$7 \times \frac{1}{12} =$	
19	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$	41	1 =	$X \frac{1}{5}$
20	$4 \times \frac{1}{4} =$	42	$\frac{3}{5}$ =	$\frac{1}{5} + \frac{1}{5} + -$
21	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	43	$3 \times \frac{1}{4} =$	$-+\frac{1}{4}+\frac{1}{4}$
22	$3 \times \frac{1}{2} =$	44	1 =	_ + _ + _



Lesson 6: Date:

Decompose fractions using area models to show equivalence. 1/15/14



В	Solve.	Improvement _	# (Correct
1	$\frac{1}{5} + \frac{1}{5} =$	23	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	
2	$2 \times \frac{1}{5} =$	24	$3 \times \frac{1}{2} =$	
3	$\frac{1}{3} + \frac{1}{3} =$	25	$\frac{5}{6}$ =	$\times \frac{1}{6}$
4	$2 \times \frac{1}{3} =$	26	$\frac{5}{6}$ =	5 x
5	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$	27	$\frac{5}{8}$ =	5 x
6	$3 \times \frac{1}{4} =$	28	$\frac{5}{6} = \frac{5}{8} = \frac{5}{8} = \frac{5}{8}$	$\times \frac{1}{8}$
7	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$	29	$\frac{7}{8} =$ $\frac{7}{10} =$ $\frac{7}{8} =$ $\frac{7}{8} =$ $\frac{7}{10} =$ $\frac{8}{8} =$	7 x
8	$3 \times \frac{1}{5} =$	30	$\frac{7}{10} =$	7 x
9	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$	31	$\frac{7}{8}$ =	$X \frac{1}{8}$
10	$5 5 5 5 5$ $4 \times \frac{1}{5} =$	32	$\frac{7}{10} =$	$X \frac{1}{10}$
11	$\frac{1}{8} + \frac{1}{8} + \frac{1}{8} =$	33	$\frac{8}{8}$ =	8 x
12	$3 \times \frac{1}{8} =$	34	1 =	8 x
13	$\frac{1}{10} + \frac{1}{10} + \frac{1}{10} =$	35	$\frac{6}{6}$ =	$X \frac{1}{6}$
14	$3 \times \frac{1}{10} =$	36	1 =	$X \frac{1}{6}$
15	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$	37	$5 \times \frac{1}{12} =$	
16	$3 \times \frac{1}{3} =$	38	$6 \times \frac{1}{5} =$	
17	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$	39	1 =	4 x

COMMON
CORE

18

19

20

21

22

Lesson 6: Date:

Decompose fractions using area models to show equivalence. 1/15/14

40

41

42

43

44



 $9 \times \frac{1}{10} =$

1 =

1 =

Correct _____

^	Subtract.			# 0011001
			4 2	
1	2 – 1 =	23	$\frac{1}{3} - \frac{2}{3} =$	
2	$\frac{2}{2} - \frac{1}{2} =$	24	$\frac{4}{3} - \frac{2}{3} = $ $1\frac{1}{3} - \frac{2}{3} = $	
3	$1 - \frac{1}{2} =$	25	$1\frac{2}{3} - \frac{1}{3} =$	
4	3 – 1 =	26	7 – 4 =	
5	$\frac{3}{3} - \frac{1}{3} =$	27	$\frac{7}{5} - \frac{4}{5} =$	
6	$1 - \frac{1}{3} =$	28	$1\frac{2}{1} - \frac{4}{1} = 0$	
7	8 – 1 =	29	$\frac{5}{1\frac{4}{5} - \frac{2}{5}} =$	
8	$\frac{8}{8} - \frac{1}{8} = 1 - \frac{1}{8} = \frac{1}{8}$	30	5 – 3 =	
9	$1 - \frac{1}{8} =$	31	$\frac{5}{4} - \frac{3}{4} =$	
10	5 – 1 =	32	$1\frac{1}{4} - \frac{3}{4} =$	
11	$\frac{5}{5} - \frac{1}{5} =$	33	$1\frac{3}{4} - \frac{1}{4} =$	
12	$1 - \frac{1}{5} =$	34	$1 - \frac{3}{8} =$	
13	$1 - \frac{2}{5} =$	35	$1 - \frac{7}{8} =$	
14	$1 - \frac{4}{5} =$	36	$1\frac{7}{8} - \frac{3}{8} = $ $1\frac{3}{8} - \frac{7}{8} = $	
15	$1 - \frac{3}{5} =$	37		
16	$1 - \frac{1}{4} =$	38	$1 - \frac{1}{6} =$	
17	$1 - \frac{3}{4} =$	39	$1 - \frac{3}{6} =$	
18	$1 - \frac{1}{10} =$	40	$1\frac{5}{6} - \frac{1}{6} = $ $1\frac{1}{6} - \frac{5}{6} = $	
19	$1 - \frac{9}{10} =$	41	$1\frac{1}{6} - \frac{5}{6} =$	
20	$1 - \frac{3}{10} =$	42	$1 - \frac{5}{12} =$	
21	$1 - \frac{7}{10} =$	43	$1\frac{1}{12} - \frac{7}{12} =$	
22	4 – 2 =	44	$1\frac{4}{15} - \frac{13}{15} =$	



Lesson 21:

Date:

Use visual models to add two fractions with related units using the denominators 2, 3, 4, 5, 6, 8, 10, and 12. 1/7/14



Improvement _____

28

29

30

32

33

34

35

36

38

39

40

41

42

43

44

7 - 5 =

Correct _____

Sub	trac	t.

	Subtract.		
1	3 – 1 =	23	$\frac{5}{4} - \frac{3}{4} =$
2	$\frac{3}{3} - \frac{1}{3} =$	24	$1\frac{1}{4} - \frac{3}{4} =$
3	$1 - \frac{1}{3} =$	25	$1\frac{3}{4} - \frac{1}{4} =$
4	2 – 1 =	26	8 – 4 =
5	$\frac{2}{2} - \frac{1}{2} =$	27	$\frac{8}{5} - \frac{4}{5} =$
	1		3 /

6

0	6 1
8	${6}$

9
$$1 - \frac{1}{6} =$$

$$\begin{array}{c|cccc}
11 & \frac{10}{10} - \frac{1}{10} = \\
\hline
12 & 1 - \frac{1}{10} = \\
\end{array}$$

$$12 \qquad 1 - \frac{1}{10} =$$

$$13 \qquad 1 - \frac{2}{10} =$$

14
$$1-\frac{4}{10}=$$

15
$$1-\frac{3}{10}=$$

16
$$1-\frac{1}{5}=$$

$$\begin{array}{c|cccc}
17 & 1 - \frac{4}{5} = \\
\hline
18 & 1 - \frac{1}{3} = \\
\end{array}$$

$$\frac{8}{19}$$
 $1-\frac{7}{9}=$

$$\frac{8}{20}$$
 $1-\frac{3}{8}=$

21
$$1-\frac{5}{8}=$$

22

5 - 3 =

Lesson 21:

Date:

Use visual models to add two fractions with related units using the denominators 2, 3, 4, 5, 6, 8, 10, and 12.

 $1\frac{7}{15} - \frac{11}{15} =$

5.D.73

Correct _____

1	1 + 1 =		23	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} =$	1-5
2	$\frac{1}{5} + \frac{1}{5} =$		24	3 + 3 + 3 =	3
3	2 + 1 =		25	$\frac{3}{8} + \frac{3}{8} + \frac{3}{8} =$	eighths
4	$\frac{2}{5} + \frac{1}{5} =$		26	$\frac{3}{8} + \frac{3}{8} + \frac{3}{8} =$	1-8
5	2 + 2 =		27	$\frac{3}{8} + \frac{3}{8} + \frac{3}{8} = $ $\frac{5}{8} + \frac{5}{8} + \frac{5}{8} = $	1-8
6	$\frac{2}{5} + \frac{2}{5} =$		28	1 + 1 + 1 =	
7	3 + 2 =		29	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	halves
8	$\frac{3}{5} + \frac{2}{5} =$	fifths	30	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	1-2
9	$\frac{5}{5}$ =		31	4 + 4 + 4 =	
10	$\frac{3}{5} + \frac{2}{5} =$		32	$\frac{4}{10} + \frac{4}{10} + \frac{4}{10} =$	tenths
11	3 + 2 =		33	$\frac{4}{10} + \frac{4}{10} + \frac{4}{10} =$	1
12	$\frac{3}{8} + \frac{2}{8} =$		34	$\frac{6}{10} + \frac{6}{10} + \frac{6}{10} =$	1
13	3 + 2 + 2 =		35	2 + 2 + 2 =	
14	$\frac{3}{8} + \frac{2}{8} + \frac{2}{8} =$		36	$\frac{2}{6} + \frac{2}{6} + \frac{2}{6} =$	sixths
15	$\frac{3}{8} + \frac{3}{8} + \frac{2}{8} =$	eighths	37	$\frac{2}{6} + \frac{2}{6} + \frac{2}{6} =$	
16	$\frac{8}{8}$ =		38	$\frac{3}{6} + \frac{3}{6} + \frac{3}{6} =$	1-6
17	$\frac{3}{8} + \frac{3}{8} + \frac{2}{8} =$		39	$\frac{5}{12} + \frac{2}{12} + \frac{4}{12} =$	
18	2 + 1 + 1 =		40	$\frac{4}{12} + \frac{4}{12} + \frac{4}{12} =$	
19	$\frac{2}{3} + \frac{1}{3} + \frac{1}{3} =$	thirds	41	$\frac{5}{12} + \frac{5}{12} + \frac{7}{12} =$	1
20	$\frac{2}{3} + \frac{1}{3} + \frac{1}{3} =$	1-3	42	$\frac{5}{12} + \frac{5}{12} + \frac{7}{12} = \frac{7}{12} + \frac{9}{12} + \frac{7}{12} = \frac{9}{12} + \frac{9}{12} $	1
21	2 + 2 + 2 =		43	$\frac{7}{15} + \frac{8}{15} + \frac{7}{15} =$	1
22	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} =$	fifths	44	$\frac{12}{15} + \frac{8}{15} + \frac{9}{15} =$	1



Lesson 22:

Date:

Add a fraction less than 1 to, or subtract a fraction less than 1 from, a whole number using decomposition and visual models. 1/15/14



5.E.10

В		Improvemer	nt		orrect	
1	1 + 1 =		23	$\frac{3}{8} + \frac{3}{8} + \frac{3}{8} =$	1-8	
2	$\frac{1}{6} + \frac{1}{6} =$		24	1 + 1 + 1 =		
3	3 + 1 =		25	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$		halves
4	$\frac{3}{6} + \frac{1}{6} =$		26	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	1-2	
5	3 + 2 =		27	2 + 2 + 2 =		
6	$\frac{3}{6} + \frac{2}{6} =$		28	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} =$		fifths
7	4 + 2 =		29	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} =$	1-5	
8	$\frac{4}{6} + \frac{2}{6} =$	sixths	30	$\frac{3}{5} + \frac{3}{5} + \frac{3}{5} =$	1-5	
9	$\frac{6}{6}$ =		31	6 + 6 + 6 =		
10	$\frac{4}{6} + \frac{2}{6} =$		32	$\frac{6}{10} + \frac{6}{10} + \frac{6}{10} =$		tenths
11	5 + 2 =		33	$\frac{6}{10} + \frac{6}{10} + \frac{6}{10} =$	11	
12	$\frac{5}{8} + \frac{2}{8} =$		34	$\frac{5}{10} + \frac{5}{10} + \frac{5}{10} =$	11	
13	5 + 1 + 1 =		35	2 + 2 + 2 =		
14	$\frac{5}{8} + \frac{1}{8} + \frac{1}{8} =$		36	$\frac{2}{6} + \frac{2}{6} + \frac{2}{6} =$		sixths
15	$\frac{5}{8} + \frac{2}{8} + \frac{1}{8} =$	eighths	37	$\frac{2}{6} + \frac{2}{6} + \frac{2}{6} =$		
16	$\frac{8}{8} =$		38	$\frac{3}{6} + \frac{3}{6} + \frac{3}{6} =$	1-6	
17	$\frac{3}{8} + \frac{3}{8} + \frac{2}{8} =$		39	$\frac{5}{12} + \frac{3}{12} + \frac{3}{12} =$		
18	1 + 1 + 2 =		40	$\frac{5}{12} + \frac{5}{12} + \frac{2}{12} =$		
19	$\frac{1}{3} + \frac{1}{3} + \frac{2}{3} = $ $\frac{1}{3} + \frac{1}{3} + \frac{2}{3} = $	thirds	41	$\frac{6}{12} + \frac{5}{12} + \frac{6}{12} =$	112	
20	$\frac{1}{3} + \frac{1}{3} + \frac{2}{3} =$	1-3	42	$\frac{8}{12} + \frac{10}{12} + \frac{5}{12} =$	11	
21	3 + 3 + 3 =		43	$\frac{7}{15} + \frac{7}{15} + \frac{8}{15} =$	115	
22	$\frac{3}{8} + \frac{3}{8} + \frac{3}{8} =$	eighths	44	$\frac{13}{15} + \frac{9}{15} + \frac{7}{15} =$	11	



Lesson 22:

Date:

Add a fraction less than 1 to, or subtract a fraction less than 1 from, a whole number using decomposition and visual models. 1/15/14



Correct _____

	0 0 .		. 6
1	3 = 2 +	23] 3
2	$\frac{3}{2} = \frac{2}{2} + \frac{1}{2}$	24	3 3 3
3	$\frac{3}{2} = 1 + \frac{1}{2}$	25	$\frac{8}{3} = \frac{6}{3} + \frac{1}{3}$
4	$\frac{3}{2} = 1 - \frac{1}{2}$	26	3 3
5	5 = 4 +	27	3 3
6	$\frac{5}{4} = \frac{4}{4} + \frac{1}{4}$	28	Q 1
7	$\frac{5}{4} = 1 + \frac{1}{4}$	29	1
8	$\frac{5}{4} = 1 - \frac{1}{4}$	30	$\frac{9}{4} = \frac{1}{4}$
9	4 = + 1	31	$\frac{11}{4} = \frac{3}{4}$
10	$\frac{4}{3} = \frac{1}{3} + \frac{1}{3}$	32	0 2
11	$\frac{4}{3} = 1 + \frac{1}{3}$	33	9 6
12	$\frac{4}{3} = -\frac{1}{3}$	34	$\frac{8}{3} = \underline{\qquad} + \frac{2}{3}$
13	7 = + 2	35	Q 2
14	$\frac{7}{5} = \frac{2}{5} + \frac{2}{5}$	36	14 10
15	$\frac{7}{5} = 1 + \frac{1}{5}$	37	14 4
16	$\frac{7}{5} = 1 - \frac{1}{5}$	38	$\frac{14}{5} = 2\frac{1}{5}$
17	$\frac{8}{5} = 1 - \frac{1}{5}$	39	13
18	$\frac{9}{5} = 1 - \frac{1}{5}$	40	0
19	$\frac{6}{5} = 1 - \frac{1}{5}$	41	15
20	$\frac{10}{5} = \frac{10}{5} + \frac{1}{5}$	42	17 5
21	$\frac{1}{5} = \frac{10}{5} + \frac{1}{5}$	43	11
22	$\frac{1}{5} = 2 + \frac{1}{5}$	44	17



Lesson 30: Date:

Add a mixed number and a fraction. 1/15/14



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



Lesson 30: Date:

Add a mixed number and a fraction. 1/15/14



Correct _____

$\begin{array}{cccccccccccccccccccccccccccccccccccc$				2	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1		23	$1\frac{3}{8} = \frac{1}{8}$	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2	$\frac{3}{3} + \frac{1}{3} = \frac{1}{3}$	24	$2 + \frac{1}{3} = 2 - \frac{1}{3}$	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3	$1 + \frac{1}{3} = \frac{1}{3}$	25	$\frac{6}{3} + \frac{1}{3} = \frac{1}{3}$	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4	$1\frac{1}{3} = \frac{1}{3}$	26	$2 + \frac{1}{3} = \frac{1}{3}$	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5	5 + 1 =	27	$2\frac{1}{1} = -$	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	6	$\frac{5}{5} + \frac{1}{5} = \frac{1}{5}$	28	$2 + \frac{1}{5} = 2 - \frac{1}{5}$	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	7	$1 + \frac{1}{5} = \frac{1}{5}$	29	$\frac{10}{5} + \frac{1}{5} = \frac{1}{5}$	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	8	$1\frac{1}{5} = \frac{1}{5}$	30	$2 + \frac{1}{5} = \frac{1}{5}$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	9		31	$2\frac{1}{5} = \frac{1}{5}$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	10	$\frac{2}{2} + \frac{1}{2} = \frac{1}{2}$	32	$\frac{8}{4} + \frac{3}{4} = \frac{1}{4}$	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	11	$1 + \frac{1}{2} = \frac{1}{2}$	33	$2 + \frac{3}{4} = {4}$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	12	$1\frac{1}{2} = \frac{1}{2}$	34	$2\frac{3}{4} = \frac{1}{4}$	
$ \begin{array}{c cccccccccccccccccccccccccccccccc$	13	$\frac{4}{4} + \frac{1}{4} = \frac{1}{4}$	35	$\frac{12}{3} + \frac{2}{3} = \frac{1}{3}$	
15	14	$1 + \frac{1}{4} = -\frac{1}{4}$	36	$4 + \frac{2}{3} = \frac{1}{3}$	
16	15	$1\frac{1}{4} = \frac{1}{4}$	37	$4\frac{2}{3} = \frac{1}{3}$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	16	$1\frac{3}{4} = \frac{1}{4}$	38	$3 + \frac{3}{7} = -\frac{1}{7}$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	17	$\frac{5}{5} + \frac{1}{5} = \frac{1}{5}$	39	$3 + \frac{1}{2} = -$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	18	$1 + \frac{1}{5} = \frac{1}{5}$	40	4+-=-	
$\begin{vmatrix} 20 & 1\frac{3}{5} = \frac{1}{5} \end{vmatrix}$ $\begin{vmatrix} 42 & 2 + \frac{5}{8} = \frac{1}{8} \end{vmatrix}$	19	$1\frac{1}{5} = \frac{1}{5}$	41	$2 + \frac{1}{6} = \frac{1}{6}$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	20	$1\frac{3}{5} = \frac{1}{5}$	42	$2 + \frac{5}{8} = \frac{1}{8}$	
20 1 3	21	$\frac{8}{8} + \frac{3}{8} = -$	43	$2\frac{4}{5} = \frac{1}{5}$	
$\begin{vmatrix} 22 \\ & & \end{vmatrix}$ $\begin{vmatrix} 1+\\ 8 \end{vmatrix}$ $\begin{vmatrix} 44 \\ & & \end{vmatrix}$ $\begin{vmatrix} 38\\ 8 \end{vmatrix}$	22	$1 + \frac{3}{8} = \frac{1}{8}$	44	$3\frac{7}{8} = \frac{1}{8}$	



Lesson 31: Date:

Add mixed numbers. 1/15/14



Improvement _____

Correct _____

1	4 + 1 =	$1\frac{5}{8} = \frac{1}{8}$
2	$\frac{4}{4} + \frac{1}{4} = \frac{1}{4}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
3	$1 + \frac{1}{4} = \frac{1}{4}$	$\frac{4}{2} + \frac{1}{2} = \frac{1}{2}$
4	$1\frac{1}{4} = \frac{1}{4}$	$26 2 + \frac{1}{2} = \frac{1}{2}$
5	2+1=	27 $2\frac{1}{2} = \frac{1}{2}$
6	$\frac{2}{2} + \frac{1}{2} = \frac{1}{2}$	$28 2 + \frac{1}{4} = 2 - \frac{1}{4}$
7	$1 + \frac{1}{2} = \frac{1}{2}$	$\frac{8}{29}$ $\frac{8}{5} + \frac{1}{1} = -$
8	$1\frac{1}{2} = \frac{1}{2}$	$30 2 + \frac{1}{4} = \frac{1}{4}$
9	5+1=	$2\frac{1}{4} = \frac{1}{4}$
10	$\frac{5}{5} + \frac{1}{5} = \frac{1}{5}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
11	$1 + \frac{1}{5} = \frac{1}{5}$	$ 33 $ $2+\frac{2}{3}=\frac{1}{3}$
12	$1\frac{1}{5} = \frac{1}{5}$	$2\frac{2}{3} = \frac{1}{3}$
13	$\frac{1}{2} + \frac{1}{2} = \frac{1}{2}$	$\frac{12}{4} + \frac{3}{4} = \frac{1}{4}$
14	$1 + \frac{1}{3} = \frac{1}{3}$	$36 \qquad 3 + \frac{3}{4} = \frac{1}{4}$
15	$1\frac{1}{3} = \frac{1}{3}$ $1\frac{2}{3} = \frac{1}{3}$	$4\frac{3}{4} = \frac{1}{4}$
16	$1\frac{2}{3} = \frac{1}{3}$	$38 3 + \frac{4}{5} = \frac{1}{5}$
17	$\frac{10}{10} + \frac{1}{10} = \frac{1}{10}$	$39 \qquad 4 + \frac{1}{2} = \frac{1}{2}$
18	$1 + \frac{1}{10} = \frac{1}{10}$	$ 40 $ $4+\frac{1}{3}=\frac{1}{3}$
19	$1 + \frac{1}{10} = \frac{1}{10}$ $1 \frac{1}{10} = \frac{1}{10}$ $1 \frac{7}{10} = \frac{1}{10}$	$3+\frac{1}{6}=\frac{1}{6}$
20	$1\frac{7}{10} = \frac{10}{10}$	42 $2 + \frac{7}{8} = \frac{1}{8}$
21	$\frac{8}{8} + \frac{5}{8} = \frac{1}{8}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
22	$1 + \frac{5}{8} = \frac{3}{8}$	$\frac{27}{8} = \frac{2}{8}$



Lesson 31: Date:

Add mixed numbers. 1/15/14



Correct _____

1	2 + 1 =	23	$1\frac{5}{6} = \frac{1}{6}$
2	$\frac{2}{2} + \frac{1}{2} = \frac{1}{2}$	24	$2 + \frac{1}{2} = 2 - \frac{1}{2}$
3	$1 + \frac{1}{2} = \frac{1}{2}$	25	$\frac{4}{2} + \frac{1}{2} = \frac{1}{2}$
4	$1\frac{1}{2} = \frac{1}{2}$	26	$2 + \frac{1}{2} = \frac{1}{2}$
5	4 + 1 =	27	$2\frac{1}{2} = \frac{1}{2}$
6	$\frac{4}{4} + \frac{1}{4} = \frac{4}{4}$	28	$2 + \frac{1}{4} = 2 - \frac{1}{4}$
7	$1 + \frac{1}{4} = \frac{1}{4}$	29	$\frac{8}{4} + \frac{1}{4} = {4}$
8	$1\frac{1}{4} = \frac{1}{4}$	30	$2 + \frac{1}{4} = \frac{1}{4}$
9	3 + 1 =	31	$2\frac{1}{4} = \frac{1}{4}$
10	$\frac{3}{3} + \frac{1}{3} = \frac{1}{3}$	32	$\frac{9}{3} + \frac{2}{3} = {3}$
11	$1 + \frac{1}{3} = \frac{1}{3}$	33	$3 + \frac{2}{3} = \frac{1}{3}$
12	$1\frac{1}{3} = \frac{1}{3}$	34	$3\frac{2}{3} = \frac{1}{3}$
13	$\frac{5}{5} + \frac{1}{5} = \frac{1}{5}$	35	$\frac{16}{4} + \frac{3}{4} = \frac{1}{4}$
14	$1 + \frac{1}{5} = \frac{1}{5}$	36	$4 + \frac{3}{4} = \frac{1}{4}$
15	$1\frac{1}{5} = \frac{1}{5}$ $1\frac{2}{5} = \frac{1}{5}$	37	$4\frac{3}{4} = \frac{1}{4}$
16	$1\frac{2}{5} = \frac{1}{5}$	38	$3 + \frac{2}{5} = \frac{1}{5}$
17	$1\frac{4}{5} = \frac{1}{5}$	39	$4 + \frac{1}{2} = \frac{1}{2}$
18	$1\frac{3}{5} = \frac{1}{5}$	40	$3 + \frac{3}{4} = \frac{1}{4}$
19	$\frac{4}{4} + \frac{3}{4} = \frac{1}{4}$ $1 + \frac{3}{4} = \frac{1}{4}$ $\frac{6}{6} + \frac{5}{6} = \frac{1}{6}$	41	$3 + \frac{1}{6} = \frac{1}{6}$ $3 + \frac{5}{8} = \frac{1}{8}$
20	$1 + \frac{3}{4} = \frac{1}{4}$	42	$3 + \frac{5}{8} = \frac{1}{8}$
21	$\frac{6}{6} + \frac{5}{6} = \frac{1}{6}$	43	$3\frac{4}{5} = \frac{1}{5}$
22	$ \begin{array}{c} 6 & 6 & 6 \\ 1 + \frac{5}{6} = \frac{1}{6} & 6 \end{array} $	44	$4\frac{7}{8} = \frac{1}{8}$



Lesson 33: Date:

Subtract a mixed number from a mixed number. 1/15/14



Improvement _____

Correct _____

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



Lesson 33: Date:

Subtract a mixed number from a mixed number. 1/15/14



Correct _____

1	4 = 3 +	23	3	$\frac{\frac{8}{4}}{\frac{8}{4}} = \frac{\frac{8}{4}}{\frac{3}{4}} + \frac{\frac{3}{4}}{\frac{3}{4}}$	
2	$\frac{4}{3} = \frac{3}{3} + \frac{3}{3}$	24	4	$\frac{1}{4} = \frac{8}{4} + \frac{3}{4}$	
3	$\frac{4}{3} = 1 + \frac{1}{3}$	25	5	$\frac{11}{4} = \frac{8}{4} + \frac{1}{4}$	
4	$\frac{4}{3} = 1 \frac{1}{3}$	26	6	$\frac{11}{4} = 2 + \frac{1}{4}$ $\frac{11}{4} = 2 - \frac{1}{4}$	
5	6 = 5 +	27	7	$\frac{11}{4} = 2\frac{1}{4}$	
6	$\frac{6}{5} = \frac{5}{5} + \frac{1}{5}$	28	8	$\frac{1}{2} = \frac{6}{2} + \frac{1}{2}$	
7	$\frac{6}{5} = 1 + \frac{1}{5}$	29	9	$\frac{1}{3} = 2 + \frac{1}{3}$	
8	$\frac{6}{5} = 1 - \frac{1}{5}$	30	0	$\frac{3}{3} = 2 + \frac{1}{3}$ $\frac{7}{3} = -\frac{1}{3}$ $\frac{8}{3} = -\frac{2}{3}$ $\frac{17}{5} = \frac{2}{5} + \frac{2}{5}$ $\frac{17}{5} = \frac{15}{5} + \frac{2}{5}$	
9	5 = + 1	3.	1	$\frac{8}{3} = -\frac{2}{3}$	
10	$\frac{5}{4} = \frac{1}{4} + \frac{1}{4}$	32	2	$\frac{17}{5} = \frac{1}{5} + \frac{2}{5}$	
11	$\frac{5}{4} = 1 + \frac{1}{4}$	33	3	$\frac{17}{5} = \frac{15}{5} + \frac{1}{5}$	
12	$\frac{5}{4} = \frac{1}{4} + \frac{1}{4}$ $\frac{5}{4} = 1 + \frac{1}{4}$ $\frac{5}{4} = \frac{1}{4}$	34	4	$\frac{17}{5} = \underline{\qquad} + \frac{2}{5}$ $\frac{17}{5} = \underline{\qquad} \frac{2}{5}$	
13	8 = + 3	35	5	$\frac{17}{5} = \frac{2}{5}$	
14	$\frac{8}{5} = \frac{3}{5} + \frac{3}{5}$	36	6	$\frac{13}{6} = \frac{12}{6} + \frac{1}{5}$	
15	$\frac{8}{5} = 1 + \frac{1}{5}$	37	7	$\frac{13}{6} =+ \frac{1}{6}$	
16	$\frac{8}{5} = 1 - \frac{1}{5}$	38	8	$\frac{13}{6} = 2{6}$	
17	$\frac{8}{5} = 1 - \frac{7}{5}$ $\frac{7}{5} = 1 - \frac{7}{5}$	39	9	$\frac{17}{6} = 2\frac{1}{6}$	
18	$\frac{6}{5} = 1 - \frac{1}{5}$	40	0	$\frac{9}{8} = 1 + \frac{1}{8}$	
19	$\frac{9}{5} = 1 - \frac{1}{5}$	4-	1	$\frac{13}{8} = 1 + \frac{1}{8}$	
20	$\frac{10}{5} =$	42	2	$\frac{19}{10} = 1 + \frac{1}{10}$	
21	$\frac{3}{5} = \frac{10}{5} + \frac{4}{5}$	43	3	$\frac{19}{12} = \frac{7}{12} + \frac{7}{12}$	
22	$\frac{5}{5} = 2 + \frac{4}{5}$	44	4	$\frac{11}{6} = 1 + \frac{1}{6}$	
	5 5			0 0	



Lesson 34: Date:

Subtract mixed numbers. 1/15/14



Improvement _____

Correct _____

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



Lesson 34: Date:

Subtract mixed numbers. 1/15/14



Correct _____

	Solve.			
1	$\frac{1}{3} + \frac{1}{3} =$	23	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$	
2	$2 \times \frac{1}{3} =$	24	$4 \times \frac{1}{3} =$	
3	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$	25	$\frac{5}{6} =$ $\frac{5}{6} =$ $\frac{5}{8} =$ $\frac{5}{8} =$ $\frac{7}{8} =$ $\frac{7}{10} =$	$X \frac{1}{6}$
4	$3 \times \frac{1}{2} = 0$	26	$\frac{5}{6} =$	5 x
5	$\frac{1}{5} + \frac{1}{5} =$	27	$\frac{5}{8} =$	5 x
6	$2 \times \frac{1}{5} =$	28	$\frac{5}{8} =$	$\mathbf{X} \frac{1}{8}$
7	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$	29	$\frac{7}{8} =$	7 x
8	$3 \times \frac{1}{5} =$	30	$\frac{7}{10} =$	7 x
9	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$	31	$\frac{\frac{7}{8}}{\frac{7}{10}} = \frac{\frac{6}{6}}{\frac{6}{6}} = \frac{\frac{7}{8}}{\frac{10}{10}}$	$X \frac{1}{8}$
10	$4 \times \frac{1}{5} =$	32	$\frac{7}{10} =$	$X \frac{1}{10}$
11	$\frac{1}{10} + \frac{1}{10} + \frac{1}{10} =$	33	$\frac{6}{6}$ =	6 x
12	$3 \times \frac{1}{10} =$	34	1 =	6 x
13	$\frac{1}{0} + \frac{1}{0} + \frac{1}{0} =$	35	$\frac{8}{8} =$	$ \begin{array}{c c} $
14	$3 \times \frac{1}{8} =$	36	1 =	$X \frac{1}{8}$
15	$\frac{1}{2} + \frac{1}{2} =$	37	$9 \times \frac{1}{10} =$	
16	$2 \times \frac{1}{2} =$	38	$7 \times \frac{1}{5} =$	
17	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$	39	1 =	3 x
18	$3 \times \frac{1}{3} =$	40	$7 \times \frac{1}{12} =$	
19	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$	41	1 =	$X \frac{1}{5}$
20	$4 \times \frac{1}{4} =$	42	$\frac{3}{5} =$	$\frac{1}{5} + \frac{1}{5} + -$
21	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	43	$3 \times \frac{1}{4} =$	$-+\frac{1}{4}+\frac{1}{4}$
22	$3 \times \frac{1}{2} =$	44	1 =	_ + _ + _



Lesson 39: Date:

Solve multiplicative comparison word problems involving fractions. 1/15/14



Improvement _____

Correct _____

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	SOIVC.				
1	$\frac{1}{5} + \frac{1}{5} =$:	23	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	
2	$2 \times \frac{1}{5} =$		24	$3 \times \frac{1}{2} =$	
3	$\frac{1}{2} + \frac{1}{2} =$		25	$\frac{5}{6} =$	$X \frac{1}{6}$
4	$2 \times \frac{1}{3} =$:	26	$\frac{5}{6} =$	5 x
5	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$		27	$\frac{5}{6} = \frac{5}{6} = \frac{5}{8} = \frac{5}{8} = \frac{7}{8} = \frac{7}{10} = \frac{7}{10} = \frac{7}{10}$	5 x
6	$3 \times \frac{1}{4} =$		28	$\frac{5}{8} =$	$X \frac{1}{8}$
7	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$:	29	$\frac{7}{8} =$	7 x
8	$3 \times \frac{1}{5} =$		30	$\frac{7}{10} =$	7 x
9	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$		31	$\frac{\frac{7}{8}}{\frac{7}{10}} = \frac{\frac{8}{8}}{\frac{8}{8}} = \frac{\frac{1}{8}}{\frac{1}{8}}$	$X \frac{1}{8}$
10	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		32	$\frac{7}{10} =$	$ \begin{array}{c c} $
11	$\frac{1}{8} + \frac{1}{8} + \frac{1}{8} =$		33	$\frac{8}{8} =$	8 x
12	$3 \times \frac{1}{8} =$		34	1 =	8 x
13	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} = 0$:	35	$\frac{6}{6}$ =	$X \frac{1}{6}$
14	$ \begin{array}{c cccccccccccccccccccccccccccccccccc$:	36	1 =	$ \begin{array}{c c} $
15	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$		37	$5 \times \frac{1}{12} =$	
16	$3 \times \frac{1}{3} =$		38	$6 \times \frac{1}{5} =$	
17	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$		39	1 =	4 x
18	$4 \times \frac{1}{4} =$		40	$9 \times \frac{1}{10} =$	
19	$\frac{1}{2} + \frac{1}{2} =$		41	1 =	$X \frac{1}{3}$
20	$2 \times \frac{1}{2} =$		42	$\frac{3}{4} =$	$\frac{1}{4} + \frac{1}{4} + -$
21	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$		43	$3 \times \frac{1}{5} =$	$-+\frac{1}{5}+\frac{1}{5}$
22	$4 \times \frac{1}{3} =$		44	1 =	_ + _ + _ + _



Lesson 39: Date:

Solve multiplicative comparison word problems involving fractions. 1/15/14

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