

GRADE 5 BOOK OF SPRINTS

New York State Common Core

Mathematics Curriculum



GRADE 5 • MODULE 3

Addition and Subtraction of Fractions

Module Overview	i
Topic A: Equivalent Fractions	3.A.1
Topic B: Fraction Addition and Subtraction: Making Like Units Pictorially	3.B.1
Topic C: Fraction Addition and Subtraction: Making Like Units Numerically	3.C.1
Topic D: Fraction Addition and Subtraction: Further Applications.....	3.D.1
Supplemental Materials	
Module Assessments	3.S.1

A

Correct _____

Write the missing factor.

1	$10 = 5 \times \underline{\quad}$		23	$28 = 7 \times \underline{\quad}$	
2	$10 = 2 \times \underline{\quad}$		24	$28 = 2 \times 2 \times \underline{\quad}$	
3	$8 = 4 \times \underline{\quad}$		25	$28 = 2 \times \underline{\quad} \times 2$	
4	$9 = 3 \times \underline{\quad}$		26	$28 = \underline{\quad} \times 2 \times 2$	
5	$6 = 2 \times \underline{\quad}$		27	$36 = 3 \times 3 \times \underline{\quad}$	
6	$6 = 3 \times \underline{\quad}$		28	$9 \times 4 = 3 \times 3 \times \underline{\quad}$	
7	$12 = 6 \times \underline{\quad}$		29	$9 \times 4 = 6 \times \underline{\quad}$	
8	$12 = 3 \times \underline{\quad}$		30	$9 \times 4 = 3 \times 2 \times \underline{\quad}$	
9	$12 = 4 \times \underline{\quad}$		31	$8 \times 6 = 4 \times \underline{\quad} \times 2$	
10	$12 = 2 \times 2 \times \underline{\quad}$		32	$9 \times 9 = 3 \times \underline{\quad} \times 3$	
11	$12 = 3 \times 2 \times \underline{\quad}$		33	$8 \times 8 = \underline{\quad} \times 8$	
12	$20 = 5 \times 2 \times \underline{\quad}$		34	$7 \times 7 = \underline{\quad} \times 7$	
13	$20 = 5 \times 2 \times \underline{\quad}$		35	$8 \times 3 = \underline{\quad} \times 6$	
14	$16 = 8 \times \underline{\quad}$		36	$16 \times 2 = \underline{\quad} \times 4$	
15	$16 = 4 \times 2 \times \underline{\quad}$		37	$2 \times 18 = \underline{\quad} \times 9$	
16	$24 = 8 \times \underline{\quad}$		38	$28 \times 2 = \underline{\quad} \times 8$	
17	$24 = 4 \times 2 \times \underline{\quad}$		39	$24 \times 3 = \underline{\quad} \times 9$	
18	$24 = 4 \times \underline{\quad} \times 2$		40	$6 \times 8 = \underline{\quad} \times 12$	
19	$24 = 3 \times 2 \times \underline{\quad}$		41	$27 \times 3 = \underline{\quad} \times 9$	
20	$24 = 3 \times \underline{\quad} \times 2$		42	$12 \times 6 = \underline{\quad} \times 8$	
21	$6 \times 4 = 8 \times \underline{\quad}$		43	$54 \times 2 = \underline{\quad} \times 12$	
22	$6 \times 4 = 4 \times 2 \times \underline{\quad}$		44	$9 \times 13 = \underline{\quad} \times 39$	

B Improvement _____ # Correct _____

Write the missing factor.

1	$6 = 2 \times \underline{\quad}$		23	$28 = 4 \times \underline{\quad}$	
2	$6 = 3 \times \underline{\quad}$		24	$28 = 2 \times 2 \times \underline{\quad}$	
3	$9 = 3 \times \underline{\quad}$		25	$28 = 2 \times \underline{\quad} \times 2$	
4	$8 = 4 \times \underline{\quad}$		26	$28 = \underline{\quad} \times 2 \times 2$	
5	$10 = 5 \times \underline{\quad}$		27	$36 = 2 \times 2 \times \underline{\quad}$	
6	$10 = 2 \times \underline{\quad}$		28	$9 \times 4 = 2 \times 2 \times \underline{\quad}$	
7	$20 = 10 \times \underline{\quad}$		29	$9 \times 4 = 6 \times \underline{\quad}$	
8	$20 = 5 \times 2 \times \underline{\quad}$		30	$9 \times 4 = 2 \times 3 \times + \underline{\quad}$	
9	$12 = 6 \times \underline{\quad}$		31	$8 \times 6 = 4 \times \underline{\quad} \times 2$	
10	$12 = 3 \times \underline{\quad}$		32	$8 \times 8 = 4 \times \underline{\quad} \times 2$	
11	$12 = 4 \times \underline{\quad}$		33	$9 \times 9 = \underline{\quad} \times 9$	
12	$12 = 2 \times 2 \times \underline{\quad}$		34	$6 \times 6 = \underline{\quad} \times 6$	
13	$12 = 3 \times 2 \times \underline{\quad}$		35	$6 \times 4 = \underline{\quad} \times 8$	
14	$24 = 8 \times \underline{\quad}$		36	$16 \times 2 = \underline{\quad} \times 8$	
15	$24 = 4 \times 2 \times \underline{\quad}$		37	$2 \times 18 = \underline{\quad} \times 4$	
16	$24 = 4 \times \underline{\quad} \times 2$		38	$28 \times 2 = \underline{\quad} \times 7$	
17	$24 = 3 \times 2 \times \underline{\quad}$		39	$24 \times 3 = \underline{\quad} \times 8$	
18	$24 = 3 \times \underline{\quad} \times 2$		40	$8 \times 6 = \underline{\quad} \times 4$	
19	$16 = 8 \times \underline{\quad}$		41	$12 \times 6 = \underline{\quad} \times 9$	
20	$16 = 4 \times 2 \times \underline{\quad}$		42	$27 \times 3 = \underline{\quad} \times 9$	
21	$8 \times 2 = 4 \times \underline{\quad}$		43	$54 \times 2 = \underline{\quad} \times 9$	
22	$8 \times 2 = 2 \times 2 \times \underline{\quad}$		44	$8 \times 13 = \underline{\quad} \times 26$	

A

Correct _____

Find the missing numerator or denominator.

1	$\frac{1}{2} = \frac{\quad}{4}$		23	$\frac{1}{3} = \frac{\quad}{12}$	
2	$\frac{1}{5} = \frac{2}{\quad}$		24	$\frac{2}{3} = \frac{\quad}{12}$	
3	$\frac{2}{5} = \frac{\quad}{10}$		25	$\frac{8}{12} = \frac{\quad}{3}$	
4	$\frac{3}{5} = \frac{\quad}{10}$		26	$\frac{12}{16} = \frac{3}{\quad}$	
5	$\frac{4}{5} = \frac{\quad}{10}$		27	$\frac{3}{5} = \frac{\quad}{25}$	
6	$\frac{1}{3} = \frac{2}{\quad}$		28	$\frac{4}{5} = \frac{28}{\quad}$	
7	$\frac{2}{3} = \frac{\quad}{6}$		29	$\frac{18}{24} = \frac{3}{\quad}$	
8	$\frac{1}{3} = \frac{3}{\quad}$		30	$\frac{24}{30} = \frac{\quad}{5}$	
9	$\frac{2}{3} = \frac{\quad}{9}$		31	$\frac{5}{6} = \frac{35}{\quad}$	
10	$\frac{1}{4} = \frac{\quad}{8}$		32	$\frac{56}{63} = \frac{\quad}{9}$	
11	$\frac{3}{4} = \frac{\quad}{8}$		33	$\frac{64}{72} = \frac{8}{\quad}$	
12	$\frac{1}{4} = \frac{3}{\quad}$		34	$\frac{5}{8} = \frac{\quad}{64}$	
13	$\frac{3}{4} = \frac{9}{\quad}$		35	$\frac{5}{6} = \frac{45}{\quad}$	
14	$\frac{2}{4} = \frac{\quad}{2}$		36	$\frac{45}{81} = \frac{\quad}{9}$	
15	$\frac{2}{6} = \frac{1}{\quad}$		37	$\frac{6}{7} = \frac{48}{\quad}$	
16	$\frac{2}{10} = \frac{1}{\quad}$		38	$\frac{36}{81} = \frac{\quad}{9}$	
17	$\frac{4}{10} = \frac{\quad}{5}$		39	$\frac{8}{56} = \frac{1}{\quad}$	
18	$\frac{8}{10} = \frac{\quad}{5}$		40	$\frac{35}{63} = \frac{5}{\quad}$	
19	$\frac{3}{9} = \frac{\quad}{3}$		41	$\frac{1}{6} = \frac{12}{\quad}$	
20	$\frac{6}{9} = \frac{\quad}{3}$		42	$\frac{3}{7} = \frac{36}{\quad}$	
21	$\frac{3}{12} = \frac{1}{\quad}$		43	$\frac{48}{60} = \frac{4}{\quad}$	
22	$\frac{9}{12} = \frac{\quad}{4}$		44	$\frac{72}{84} = \frac{\quad}{7}$	

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B Improvement _____ # Correct _____

Find the missing numerator or denominator.

1	$\frac{1}{5} = \frac{2}{\quad}$		23	$\frac{1}{3} = \frac{4}{\quad}$	
2	$\frac{2}{5} = \frac{\quad}{10}$		24	$\frac{2}{3} = \frac{8}{\quad}$	
3	$\frac{3}{5} = \frac{\quad}{10}$		25	$\frac{8}{12} = \frac{2}{\quad}$	
4	$\frac{4}{5} = \frac{\quad}{10}$		26	$\frac{12}{16} = \frac{\quad}{4}$	
5	$\frac{1}{2} = \frac{2}{\quad}$		27	$\frac{3}{5} = \frac{15}{\quad}$	
6	$\frac{1}{3} = \frac{\quad}{6}$		28	$\frac{4}{5} = \frac{\quad}{35}$	
7	$\frac{2}{3} = \frac{4}{\quad}$		29	$\frac{18}{24} = \frac{\quad}{4}$	
8	$\frac{1}{3} = \frac{\quad}{9}$		30	$\frac{24}{30} = \frac{4}{\quad}$	
9	$\frac{2}{3} = \frac{6}{\quad}$		31	$\frac{5}{6} = \frac{\quad}{42}$	
10	$\frac{1}{4} = \frac{2}{\quad}$		32	$\frac{56}{63} = \frac{8}{\quad}$	
11	$\frac{3}{4} = \frac{6}{\quad}$		33	$\frac{64}{72} = \frac{\quad}{9}$	
12	$\frac{1}{4} = \frac{\quad}{12}$		34	$\frac{5}{8} = \frac{40}{\quad}$	
13	$\frac{3}{4} = \frac{\quad}{12}$		35	$\frac{5}{6} = \frac{\quad}{54}$	
14	$\frac{2}{4} = \frac{1}{\quad}$		36	$\frac{45}{81} = \frac{5}{\quad}$	
15	$\frac{2}{6} = \frac{\quad}{3}$		37	$\frac{6}{7} = \frac{\quad}{56}$	
16	$\frac{2}{10} = \frac{\quad}{5}$		38	$\frac{36}{81} = \frac{4}{\quad}$	
17	$\frac{4}{10} = \frac{2}{\quad}$		39	$\frac{8}{56} = \frac{\quad}{7}$	
18	$\frac{8}{10} = \frac{4}{\quad}$		40	$\frac{35}{63} = \frac{\quad}{9}$	
19	$\frac{3}{9} = \frac{1}{\quad}$		41	$\frac{1}{6} = \frac{\quad}{72}$	
20	$\frac{6}{9} = \frac{2}{\quad}$		42	$\frac{3}{7} = \frac{\quad}{84}$	
21	$\frac{1}{4} = \frac{\quad}{12}$		43	$\frac{48}{60} = \frac{\quad}{5}$	
22	$\frac{9}{12} = \frac{3}{\quad}$		44	$\frac{72}{84} = \frac{6}{\quad}$	

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A

Correct _____

Find the missing numerator or denominator.

1	$\frac{1}{2} = \frac{\quad}{4}$		23	$\frac{1}{3} = \frac{\quad}{12}$	
2	$\frac{1}{5} = \frac{2}{\quad}$		24	$\frac{2}{3} = \frac{\quad}{12}$	
3	$\frac{2}{5} = \frac{\quad}{10}$		25	$\frac{8}{12} = \frac{\quad}{3}$	
4	$\frac{3}{5} = \frac{\quad}{10}$		26	$\frac{12}{16} = \frac{3}{\quad}$	
5	$\frac{4}{5} = \frac{\quad}{10}$		27	$\frac{3}{5} = \frac{\quad}{25}$	
6	$\frac{1}{3} = \frac{2}{\quad}$		28	$\frac{4}{5} = \frac{28}{\quad}$	
7	$\frac{2}{3} = \frac{\quad}{6}$		29	$\frac{18}{24} = \frac{3}{\quad}$	
8	$\frac{1}{3} = \frac{3}{\quad}$		30	$\frac{24}{30} = \frac{\quad}{5}$	
9	$\frac{2}{3} = \frac{\quad}{9}$		31	$\frac{5}{6} = \frac{35}{\quad}$	
10	$\frac{1}{4} = \frac{\quad}{8}$		32	$\frac{56}{63} = \frac{\quad}{9}$	
11	$\frac{3}{4} = \frac{\quad}{8}$		33	$\frac{64}{72} = \frac{8}{\quad}$	
12	$\frac{1}{4} = \frac{3}{\quad}$		34	$\frac{5}{8} = \frac{\quad}{64}$	
13	$\frac{3}{4} = \frac{9}{\quad}$		35	$\frac{5}{6} = \frac{45}{\quad}$	
14	$\frac{2}{4} = \frac{\quad}{2}$		36	$\frac{45}{81} = \frac{\quad}{9}$	
15	$\frac{2}{6} = \frac{1}{\quad}$		37	$\frac{6}{7} = \frac{48}{\quad}$	
16	$\frac{2}{10} = \frac{1}{\quad}$		38	$\frac{36}{81} = \frac{\quad}{9}$	
17	$\frac{4}{10} = \frac{\quad}{5}$		39	$\frac{8}{56} = \frac{1}{\quad}$	
18	$\frac{8}{10} = \frac{\quad}{5}$		40	$\frac{35}{63} = \frac{5}{\quad}$	
19	$\frac{3}{9} = \frac{\quad}{3}$		41	$\frac{1}{6} = \frac{12}{\quad}$	
20	$\frac{6}{9} = \frac{\quad}{3}$		42	$\frac{3}{7} = \frac{36}{\quad}$	
21	$\frac{3}{12} = \frac{1}{\quad}$		43	$\frac{48}{60} = \frac{4}{\quad}$	
22	$\frac{9}{12} = \frac{\quad}{4}$		44	$\frac{72}{84} = \frac{\quad}{7}$	

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B

Improvement _____

Correct _____

Find the missing numerator or denominator.

1	$\frac{1}{5} = \frac{2}{\quad}$		23	$\frac{1}{3} = \frac{4}{\quad}$	
2	$\frac{2}{5} = \frac{\quad}{10}$		24	$\frac{2}{3} = \frac{8}{\quad}$	
3	$\frac{3}{5} = \frac{\quad}{10}$		25	$\frac{8}{12} = \frac{2}{\quad}$	
4	$\frac{4}{5} = \frac{\quad}{10}$		26	$\frac{12}{16} = \frac{\quad}{4}$	
5	$\frac{1}{2} = \frac{2}{\quad}$		27	$\frac{3}{5} = \frac{15}{\quad}$	
6	$\frac{1}{3} = \frac{\quad}{6}$		28	$\frac{4}{5} = \frac{\quad}{35}$	
7	$\frac{2}{3} = \frac{4}{\quad}$		29	$\frac{18}{24} = \frac{\quad}{4}$	
8	$\frac{1}{3} = \frac{\quad}{9}$		30	$\frac{24}{30} = \frac{4}{\quad}$	
9	$\frac{2}{3} = \frac{6}{\quad}$		31	$\frac{5}{6} = \frac{\quad}{42}$	
10	$\frac{1}{4} = \frac{2}{\quad}$		32	$\frac{56}{63} = \frac{8}{\quad}$	
11	$\frac{3}{4} = \frac{6}{\quad}$		33	$\frac{64}{72} = \frac{\quad}{9}$	
12	$\frac{1}{4} = \frac{\quad}{12}$		34	$\frac{5}{8} = \frac{40}{\quad}$	
13	$\frac{3}{4} = \frac{\quad}{12}$		35	$\frac{5}{6} = \frac{\quad}{54}$	
14	$\frac{2}{4} = \frac{1}{\quad}$		36	$\frac{45}{81} = \frac{5}{\quad}$	
15	$\frac{2}{6} = \frac{\quad}{3}$		37	$\frac{6}{7} = \frac{\quad}{56}$	
16	$\frac{2}{10} = \frac{\quad}{5}$		38	$\frac{36}{81} = \frac{4}{\quad}$	
17	$\frac{4}{10} = \frac{2}{\quad}$		39	$\frac{8}{56} = \frac{\quad}{7}$	
18	$\frac{8}{10} = \frac{4}{\quad}$		40	$\frac{35}{63} = \frac{\quad}{9}$	
19	$\frac{3}{9} = \frac{1}{\quad}$		41	$\frac{1}{6} = \frac{\quad}{72}$	
20	$\frac{6}{9} = \frac{2}{\quad}$		42	$\frac{3}{7} = \frac{\quad}{84}$	
21	$\frac{1}{4} = \frac{\quad}{12}$		43	$\frac{48}{60} = \frac{\quad}{5}$	
22	$\frac{9}{12} = \frac{3}{\quad}$		44	$\frac{72}{84} = \frac{6}{\quad}$	

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A

Correct _____

Subtract. Give each answer in its simplest form.

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

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B Improvement _____ # Correct _____

Subtract. Give each answer in its simplest form.

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

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A

Correct _____

Express as an improper fraction.

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

B

Correct _____

Express as an improper fraction.

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

A

Correct _____

Circle the equivalent fraction.

1	$\frac{2}{4} =$	$\frac{1}{2}$	$\frac{1}{3}$	23	$\frac{9}{27} =$	$\frac{2}{3}$	$\frac{1}{3}$	$\frac{1}{4}$
2	$\frac{2}{6} =$	$\frac{1}{2}$	$\frac{1}{3}$	24	$\frac{9}{63} =$	$\frac{1}{6}$	$\frac{1}{7}$	$\frac{1}{8}$
3	$\frac{2}{8} =$	$\frac{1}{2}$	$\frac{1}{4}$	25	$\frac{8}{12} =$	$\frac{2}{3}$	$\frac{3}{4}$	$\frac{4}{5}$
4	$\frac{5}{10} =$	$\frac{1}{2}$	$\frac{1}{4}$	26	$\frac{8}{16} =$	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$
5	$\frac{5}{15} =$	$\frac{1}{2}$	$\frac{1}{3}$	27	$\frac{8}{24} =$	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$
6	$\frac{5}{20} =$	$\frac{1}{2}$	$\frac{1}{4}$	28	$\frac{8}{64} =$	$\frac{1}{7}$	$\frac{1}{8}$	$\frac{1}{9}$
7	$\frac{4}{8} =$	$\frac{1}{2}$	$\frac{1}{4}$	29	$\frac{12}{18} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
8	$\frac{4}{12} =$	$\frac{1}{2}$	$\frac{1}{3}$	30	$\frac{12}{16} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
9	$\frac{4}{16} =$	$\frac{1}{2}$	$\frac{1}{4}$	31	$\frac{9}{12} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
10	$\frac{3}{6} =$	$\frac{1}{2}$	$\frac{1}{3}$	32	$\frac{6}{8} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
11	$\frac{3}{9} =$	$\frac{1}{2}$	$\frac{1}{3}$	33	$\frac{10}{12} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
12	$\frac{3}{12} =$	$\frac{1}{2}$	$\frac{1}{4}$	34	$\frac{15}{18} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
13	$\frac{4}{6} =$	$\frac{2}{3}$	$\frac{1}{3}$	35	$\frac{8}{10} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
14	$\frac{6}{12} =$	$\frac{2}{3}$	$\frac{1}{2}$	36	$\frac{16}{20} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
15	$\frac{6}{18} =$	$\frac{2}{3}$	$\frac{1}{3}$	37	$\frac{12}{15} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
16	$\frac{6}{30} =$	$\frac{1}{5}$	$\frac{1}{3}$	38	$\frac{18}{27} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
17	$\frac{6}{9} =$	$\frac{2}{3}$	$\frac{1}{3}$	39	$\frac{27}{36} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
18	$\frac{7}{14} =$	$\frac{1}{2}$	$\frac{1}{3}$	40	$\frac{32}{40} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
19	$\frac{7}{21} =$	$\frac{1}{2}$	$\frac{1}{3}$	41	$\frac{45}{54} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{5}{6}$
20	$\frac{7}{42} =$	$\frac{1}{6}$	$\frac{1}{7}$	42	$\frac{24}{36} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
21	$\frac{8}{12} =$	$\frac{2}{3}$	$\frac{3}{4}$	43	$\frac{60}{72} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
22	$\frac{9}{18} =$	$\frac{1}{2}$	$\frac{1}{3}$	44	$\frac{48}{60} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{5}{6}$

B

Improvement _____

Correct _____

Circle the equivalent fraction.

1	$\frac{5}{10} =$	$\frac{1}{2}$ $\frac{1}{3}$	23	$\frac{8}{24} =$	$\frac{2}{3}$ $\frac{1}{3}$ $\frac{1}{4}$
2	$\frac{5}{15} =$	$\frac{1}{2}$ $\frac{1}{4}$	24	$\frac{8}{56} =$	$\frac{1}{6}$ $\frac{1}{7}$ $\frac{1}{8}$
3	$\frac{5}{20} =$	$\frac{1}{2}$ $\frac{1}{4}$	25	$\frac{8}{12} =$	$\frac{2}{3}$ $\frac{3}{4}$ $\frac{4}{5}$
4	$\frac{2}{4} =$	$\frac{1}{2}$ $\frac{1}{3}$	26	$\frac{9}{18} =$	$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$
5	$\frac{2}{6} =$	$\frac{1}{2}$ $\frac{1}{4}$	27	$\frac{9}{27} =$	$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$
6	$\frac{2}{8} =$	$\frac{1}{2}$ $\frac{1}{4}$	28	$\frac{9}{72} =$	$\frac{1}{7}$ $\frac{1}{8}$ $\frac{1}{9}$
7	$\frac{3}{6} =$	$\frac{1}{2}$ $\frac{1}{3}$	29	$\frac{12}{18} =$	$\frac{3}{4}$ $\frac{5}{6}$ $\frac{2}{3}$
8	$\frac{3}{9} =$	$\frac{1}{2}$ $\frac{1}{4}$	30	$\frac{6}{8} =$	$\frac{3}{4}$ $\frac{5}{6}$ $\frac{2}{3}$
9	$\frac{3}{12} =$	$\frac{1}{2}$ $\frac{1}{3}$	31	$\frac{9}{12} =$	$\frac{3}{4}$ $\frac{5}{6}$ $\frac{2}{3}$
10	$\frac{4}{8} =$	$\frac{1}{2}$ $\frac{1}{3}$	32	$\frac{12}{16} =$	$\frac{3}{4}$ $\frac{5}{6}$ $\frac{2}{3}$
11	$\frac{4}{12} =$	$\frac{1}{2}$ $\frac{1}{4}$	33	$\frac{8}{10} =$	$\frac{3}{4}$ $\frac{4}{5}$ $\frac{2}{3}$
12	$\frac{4}{16} =$	$\frac{2}{3}$ $\frac{1}{3}$	34	$\frac{16}{20} =$	$\frac{3}{4}$ $\frac{4}{5}$ $\frac{2}{3}$
13	$\frac{4}{6} =$	$\frac{2}{3}$ $\frac{1}{2}$	35	$\frac{12}{15} =$	$\frac{3}{4}$ $\frac{4}{5}$ $\frac{2}{3}$
14	$\frac{7}{14} =$	$\frac{2}{3}$ $\frac{1}{3}$	36	$\frac{10}{12} =$	$\frac{3}{4}$ $\frac{4}{5}$ $\frac{5}{6}$
15	$\frac{7}{21} =$	$\frac{1}{5}$ $\frac{1}{3}$	37	$\frac{15}{18} =$	$\frac{3}{4}$ $\frac{5}{6}$ $\frac{2}{3}$
16	$\frac{7}{35} =$	$\frac{2}{3}$ $\frac{1}{3}$	38	$\frac{16}{24} =$	$\frac{3}{4}$ $\frac{4}{5}$ $\frac{2}{3}$
17	$\frac{6}{9} =$	$\frac{1}{2}$ $\frac{1}{3}$	39	$\frac{24}{32} =$	$\frac{3}{4}$ $\frac{4}{5}$ $\frac{2}{3}$
18	$\frac{6}{12} =$	$\frac{1}{2}$ $\frac{1}{3}$	40	$\frac{36}{45} =$	$\frac{3}{4}$ $\frac{4}{5}$ $\frac{2}{3}$
19	$\frac{6}{18} =$	$\frac{1}{6}$ $\frac{1}{7}$	41	$\frac{40}{48} =$	$\frac{3}{4}$ $\frac{4}{5}$ $\frac{5}{6}$
20	$\frac{6}{36} =$	$\frac{2}{3}$ $\frac{3}{4}$	42	$\frac{24}{36} =$	$\frac{3}{4}$ $\frac{4}{5}$ $\frac{2}{3}$
21	$\frac{8}{12} =$	$\frac{1}{2}$ $\frac{1}{3}$	43	$\frac{48}{60} =$	$\frac{3}{4}$ $\frac{5}{6}$ $\frac{4}{5}$
22	$\frac{8}{16} =$	$\frac{1}{2}$ $\frac{1}{3}$	44	$\frac{60}{72} =$	$\frac{3}{4}$ $\frac{5}{6}$ $\frac{2}{3}$

A

Correct _____

Add or subtract.

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

B Improvement _____ # Correct _____

Add or subtract.

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

A

Correct _____

Add or subtract.

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

B Improvement _____ # Correct _____

Add or subtract.

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

A

Correct _____

Subtract.

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

B

Improvement _____ # Correct _____

Subtract.

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

A

Correct _____

1	$\frac{2}{4} =$	/	23	$\frac{9}{27} =$	/
2	$\frac{2}{6} =$	/	24	$\frac{9}{63} =$	/
3	$\frac{2}{8} =$	/	25	$\frac{8}{12} =$	/
4	$\frac{5}{10} =$	/	26	$\frac{8}{16} =$	/
5	$\frac{5}{15} =$	/	27	$\frac{8}{24} =$	/
6	$\frac{5}{20} =$	/	28	$\frac{8}{64} =$	/
7	$\frac{4}{8} =$	/	29	$\frac{12}{18} =$	/
8	$\frac{4}{12} =$	/	30	$\frac{12}{16} =$	/
9	$\frac{4}{16} =$	/	31	$\frac{9}{12} =$	/
10	$\frac{3}{6} =$	/	32	$\frac{6}{8} =$	/
11	$\frac{3}{9} =$	/	33	$\frac{10}{12} =$	/
12	$\frac{3}{12} =$	/	34	$\frac{15}{18} =$	/
13	$\frac{4}{6} =$	/	35	$\frac{8}{10} =$	/
14	$\frac{6}{12} =$	/	36	$\frac{16}{20} =$	/
15	$\frac{6}{18} =$	/	37	$\frac{12}{15} =$	/
16	$\frac{6}{30} =$	/	38	$\frac{18}{27} =$	/
17	$\frac{6}{9} =$	/	39	$\frac{27}{36} =$	/
18	$\frac{7}{14} =$	/	40	$\frac{32}{40} =$	/
19	$\frac{7}{21} =$	/	41	$\frac{45}{54} =$	/
20	$\frac{7}{42} =$	/	42	$\frac{24}{36} =$	/
21	$\frac{8}{12} =$	/	43	$\frac{60}{72} =$	/
22	$\frac{9}{18} =$	/	44	$\frac{48}{60} =$	/

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B Improvement _____ # Correct _____

1	$\frac{5}{10} =$	/	23	$\frac{8}{24} =$	/
2	$\frac{5}{15} =$	/	24	$\frac{8}{56} =$	/
3	$\frac{5}{20} =$	/	25	$\frac{8}{12} =$	/
4	$\frac{2}{4} =$	/	26	$\frac{9}{18} =$	/
5	$\frac{2}{6} =$	/	27	$\frac{9}{27} =$	/
6	$\frac{2}{8} =$	/	28	$\frac{9}{72} =$	/
7	$\frac{3}{6} =$	/	29	$\frac{12}{18} =$	/
8	$\frac{3}{9} =$	/	30	$\frac{6}{8} =$	/
9	$\frac{3}{12} =$	/	31	$\frac{9}{12} =$	/
10	$\frac{4}{8} =$	/	32	$\frac{12}{16} =$	/
11	$\frac{4}{12} =$	/	33	$\frac{8}{10} =$	/
12	$\frac{4}{16} =$	/	34	$\frac{16}{20} =$	/
13	$\frac{4}{6} =$	/	35	$\frac{12}{15} =$	/
14	$\frac{7}{14} =$	/	36	$\frac{10}{12} =$	/
15	$\frac{7}{21} =$	/	37	$\frac{15}{18} =$	/
16	$\frac{7}{35} =$	/	38	$\frac{16}{24} =$	/
17	$\frac{6}{9} =$	/	39	$\frac{24}{32} =$	/
18	$\frac{6}{12} =$	/	40	$\frac{36}{45} =$	/
19	$\frac{6}{18} =$	/	41	$\frac{40}{48} =$	/
20	$\frac{6}{36} =$	/	42	$\frac{24}{36} =$	/
21	$\frac{8}{12} =$	/	43	$\frac{48}{60} =$	/
22	$\frac{8}{16} =$	/	44	$\frac{60}{72} =$	/

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A

Correct _____

Circle the smallest fraction.

1	$\frac{1}{2}$	$\frac{1}{4}$	23	$\frac{1}{4}$	$\frac{1}{8}$
2	$\frac{1}{2}$	$\frac{3}{4}$	24	$\frac{1}{4}$	$\frac{3}{8}$
3	$\frac{1}{2}$	$\frac{5}{8}$	25	$\frac{1}{4}$	$\frac{7}{12}$
4	$\frac{1}{2}$	$\frac{7}{8}$	26	$\frac{1}{4}$	$\frac{11}{12}$
5	$\frac{1}{2}$	$\frac{1}{10}$	27	$\frac{1}{6}$	$\frac{7}{12}$
6	$\frac{1}{2}$	$\frac{3}{10}$	28	$\frac{1}{6}$	$\frac{11}{12}$
7	$\frac{1}{2}$	$\frac{5}{12}$	29	$\frac{2}{3}$	$\frac{1}{6}$
8	$\frac{1}{2}$	$\frac{11}{12}$	30	$\frac{2}{3}$	$\frac{5}{6}$
9	$\frac{1}{2}$	$\frac{7}{10}$	31	$\frac{2}{3}$	$\frac{2}{9}$
10	$\frac{1}{5}$	$\frac{9}{10}$	32	$\frac{2}{3}$	$\frac{4}{9}$
11	$\frac{2}{5}$	$\frac{1}{10}$	33	$\frac{2}{3}$	$\frac{1}{12}$
12	$\frac{2}{5}$	$\frac{3}{10}$	34	$\frac{2}{3}$	$\frac{5}{12}$
13	$\frac{3}{5}$	$\frac{3}{10}$	35	$\frac{2}{3}$	$\frac{11}{12}$
14	$\frac{3}{5}$	$\frac{7}{10}$	36	$\frac{2}{3}$	$\frac{7}{12}$
15	$\frac{4}{5}$	$\frac{1}{10}$	37	$\frac{3}{4}$	$\frac{1}{8}$
16	$\frac{4}{5}$	$\frac{9}{10}$	38	$\frac{3}{4}$	$\frac{1}{8}$
17	$\frac{1}{3}$	$\frac{1}{9}$	39	$\frac{5}{6}$	$\frac{7}{12}$
18	$\frac{1}{3}$	$\frac{2}{9}$	40	$\frac{5}{6}$	$\frac{5}{12}$
19	$\frac{1}{3}$	$\frac{4}{9}$	41	$\frac{6}{7}$	$\frac{38}{42}$
20	$\frac{1}{3}$	$\frac{8}{9}$	42	$\frac{7}{8}$	$\frac{62}{72}$
21	$\frac{1}{3}$	$\frac{1}{12}$	43	$\frac{49}{54}$	$\frac{8}{9}$
22	$\frac{1}{3}$	$\frac{5}{12}$	44	$\frac{67}{72}$	$\frac{11}{12}$

B Improvement _____ # Correct _____

Circle the smallest fraction.

1	$\frac{1}{2}$	$\frac{1}{6}$	23	$\frac{1}{4}$	$\frac{5}{8}$
2	$\frac{1}{2}$	$\frac{5}{6}$	24	$\frac{1}{4}$	$\frac{7}{8}$
3	$\frac{1}{2}$	$\frac{1}{8}$	25	$\frac{1}{4}$	$\frac{1}{12}$
4	$\frac{1}{2}$	$\frac{3}{8}$	26	$\frac{1}{4}$	$\frac{5}{12}$
5	$\frac{1}{2}$	$\frac{7}{10}$	27	$\frac{1}{6}$	$\frac{1}{12}$
6	$\frac{1}{2}$	$\frac{9}{10}$	28	$\frac{1}{6}$	$\frac{5}{12}$
7	$\frac{1}{2}$	$\frac{1}{12}$	29	$\frac{2}{3}$	$\frac{1}{9}$
8	$\frac{1}{2}$	$\frac{7}{12}$	30	$\frac{2}{3}$	$\frac{7}{9}$
9	$\frac{1}{5}$	$\frac{1}{10}$	31	$\frac{2}{3}$	$\frac{5}{9}$
10	$\frac{1}{5}$	$\frac{3}{10}$	32	$\frac{2}{3}$	$\frac{8}{9}$
11	$\frac{2}{5}$	$\frac{7}{10}$	33	$\frac{3}{4}$	$\frac{1}{2}$
12	$\frac{2}{5}$	$\frac{9}{10}$	34	$\frac{3}{4}$	$\frac{5}{12}$
13	$\frac{3}{5}$	$\frac{1}{10}$	35	$\frac{3}{4}$	$\frac{11}{12}$
14	$\frac{3}{5}$	$\frac{9}{10}$	36	$\frac{3}{4}$	$\frac{7}{12}$
15	$\frac{4}{5}$	$\frac{3}{10}$	37	$\frac{5}{6}$	$\frac{1}{12}$
16	$\frac{4}{5}$	$\frac{7}{10}$	38	$\frac{5}{6}$	$\frac{11}{12}$
17	$\frac{1}{3}$	$\frac{1}{6}$	39	$\frac{3}{4}$	$\frac{5}{8}$
18	$\frac{1}{3}$	$\frac{5}{6}$	40	$\frac{3}{4}$	$\frac{3}{8}$
19	$\frac{1}{3}$	$\frac{5}{9}$	41	$\frac{6}{7}$	$\frac{34}{42}$
20	$\frac{1}{3}$	$\frac{7}{9}$	42	$\frac{7}{8}$	$\frac{64}{72}$
21	$\frac{1}{3}$	$\frac{7}{12}$	43	$\frac{47}{54}$	$\frac{8}{9}$
22	$\frac{1}{3}$	$\frac{11}{12}$	44	$\frac{65}{72}$	$\frac{11}{12}$



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