Number Correct: _____

Rational Numbers: Inequality Statements – Round 1

Directions: Work in numerical order to answer Problems 1–33. Arrange each set of numbers in order according to the inequality symbols.

1. □ < □ < □ 1 , −1 , 0	12. □ > □ > □ 7 , −6 , 6	23. □ > □ > □ 25 , ¾ , − ¾
2. □ > □ > □ 1 , −1 , 0	13. □ > □ > □ 17 , 4 , 16	24. □ < □ < □ 25 , ¾ , − ¾
3. □ < □ < □ 3 ½ , −3 ½ , 0	14. □ < □ < □ 17 , 4 , 16	25. □ > □ > □ 2.2 , 2.3 , 2.4
4. □ > □ > □ 3 ½ , −3 ½ , 0	15. □ < □ < □ 0 , 12 , −11	26. □ > □ > □ 1.2 , 1.3 , 1.4
5. □ > □ > □ 1 , − ½ , ½	16. □ > □ > □ 0 , 12 , −11	27. □ > □ > □ 0.2 , 0.3 , 0.4
6. □ < □ < □ 1 , − ½ , ½	17. □ > □ > □ 1 , ¼ , ½	28. □ > □ > □ −0.5 , − 1 , − 0.6
7. □ < □ < □ −3 , −4 , −5	18. □ < □ < □ 1 , ¼ , ½	29. □ < □ < □ −0.5 , −1 , −0.6
8. □ < □ < □ −13 , −14 , −15	19. □ < □ < □ − ½ , ½ , 0	30. □ < □ < □ −8 , −9 , 8
9. □ > □ > □ −13 , −14 , −15	20. □ > □ > □ −½ , ½ , 0	31. □ < □ < □ −18 , −19 , −2
10. □ < □ < □ −¼ , −1 , 0	21. □ < □ < □ 50 , −10 , 0	32. □ > □ > □ −2 , − 3 , 1
11. □ > □ > □ −¼ , −1 , 0	22. □ < □ < □ −50 , 10 , 0	33. □ < □ < □ −2 , − 3 , 1

Number Correct: _____

Rational Numbers: Inequality Statements – Round 2

Improvement: _____

Directions: Work in numerical order to answer Problems 1–33. Arrange each set of numbers in order according to the inequality symbols.

1. □ < □ < □ 1/7 , −1/7 , 0	12. □ > □ > □ 1¼ , 1 , 1½	23. □ > □ > □ 1 , 1¾ , − 1¾
2. □ > □ > □ 1/7 , −1/7 , 0	13. □ > □ > □ 11¼ , 11 , 11½	24. □ < □ < □ 1 , 1¾ , − 1¾
3. □ < □ < □ 3/7 , 2/7 , −1/7	14. □ < □ < □ 11¼ , 11 , 11½	25. □ > □ > □ −82 , −93 , −104
4. □ > □ > □ 3/7 , 2/7 , −1/7	15. □ < □ < □ 0 , 0.2 , −0.1	26. □ < □ < □ −82 , −93 , −104
5. □ > □ > □ −4/5 , 1/5 , −1/5	16. □ > □ > □ 0 , 0.2 , −0.1	27. □ > □ > □ 0.5 , 1 , 0.6
6. □ < □ < □ −4/5 , 1/5 , −1/5	17. □ > □ > □ 1 , 0.7 , 1/10	28. □ > □ > □ −0.5 , − 1 , −0.6
7. □ < □ < □ −8/9 , 5/9 , 1/9	18. □ < □ < □ 1 , 0.7 , 1/10	29. □ < □ < □ −0.5 , − 1 , −0.6
8. □ > □ > □ −8/9 , 5/9 , 1/9	19. □ < □ < □ 0 , −12 , −12½	30. □ < □ < □ 1 , 8 , 9
9. □ > □ > □ −30 , −10 , −50	20. □ > □ > □ 0 , −12 , −12½	31. □ < □ < □ −1 , −8 , −9
10. □ < □ < □ −30 , −10 , −50	21. □ < □ < □ 5 , −1 , 0	32. □ > □ > □ −2 , −3 , −5
11. □ > □ > □ −40 , −20 , −60	22. □ < □ < □ −5 , 1 , 0	33. □ > □ > □ 2 , 3 , 5

Number Correct: _____

Division of Fractions I—Round 1

Directions: Determine the quotient of the fractions.

1.	$\frac{1}{2} \div \frac{3}{5}$	
2.	$\frac{5}{6} \div \frac{1}{5}$	
3.	$\frac{3}{7} \div \frac{6}{11}$	
4.	$\frac{2}{5} \div \frac{8}{9}$	
5.	$\frac{1}{6} \div \frac{9}{10}$	
6.	$\frac{11}{12} \div \frac{8}{9}$	
7.	$\frac{5}{6} \div \frac{10}{13}$	
8.	$\frac{7}{8} \div \frac{13}{15}$	
9.	$\frac{3}{5} \div \frac{7}{9}$	
10.	$\frac{14}{17} \div \frac{13}{20}$	
11.	$3\frac{1}{2} \div 4\frac{4}{5}$	
12.	$6\frac{1}{5} \div 6\frac{3}{4}$	
13.	$2\frac{1}{4} \div 3\frac{1}{8}$	
14.	$1\frac{3}{5} \div \frac{7}{8}$	
15.	$\frac{1}{5} \div 4\frac{1}{2}$	

16.	$6\frac{7}{8} \div 11\frac{2}{3}$	
17.	$5\frac{5}{6} \div 3\frac{1}{2}$	
18.	$10\frac{5}{8} \div 12\frac{3}{7}$	
19.	$9\frac{1}{3} \div 8\frac{2}{5}$	
20.	$\frac{3}{4} \div 6\frac{7}{10}$	
21.	$2\frac{1}{3} \div 3\frac{5}{6}$	
22.	$2\frac{4}{5} \div 7\frac{9}{10}$	
23.	$5\frac{8}{9} \div 3\frac{3}{5}$	
24.	$12\frac{5}{9} \div 5$	
25.	$1\frac{5}{6} \div 2\frac{6}{7}$	
26.	$10 \div 5\frac{8}{9}$	
27.	$14\frac{3}{5} \div 10$	
28.	$7\frac{9}{11} \div 1\frac{9}{10}$	
29.	$15\frac{2}{3} \div 24$	
30.	$32 \div 12\frac{6}{7}$	

Number Correct: _____

Improvement: _____

Division of Fractions I—Round 2

Directions: Determine the quotient of the fractions.

1.	$\frac{1}{2} \div \frac{3}{4}$	
2.	$\frac{3}{5} \div \frac{1}{7}$	
3.	$\frac{5}{6} \div \frac{1}{8}$	
4.	$\frac{3}{8} \div \frac{5}{9}$	
5.	$\frac{1}{4} \div \frac{2}{5}$	
6.	$\frac{7}{8} \div \frac{9}{10}$	
7.	$\frac{8}{11} \div \frac{4}{5}$	
8.	$\frac{5}{6} \div \frac{7}{12}$	
9.	$\frac{3}{4} \div \frac{8}{9}$	
10.	$\frac{7}{11} \div \frac{4}{7}$	
11.	$1\frac{3}{4} \div \frac{1}{2}$	
12.	$\frac{1}{10} \div 2\frac{3}{4}$	
13.	$5\frac{2}{3} \div \frac{7}{9}$	
14.	$\frac{5}{6} \div 6\frac{1}{2}$	
15.	$\frac{6}{7} \div 2\frac{1}{3}$	

16.	$\frac{7}{8} \div 2\frac{1}{4}$	
17.	$\frac{3}{4} \div 2\frac{3}{5}$	
18.	$4\frac{1}{5} \div 2\frac{1}{3}$	
19.	$4\frac{3}{8} \div \frac{2}{7}$	
20.	$\frac{4}{5} \div 2\frac{1}{8}$	
21.	$1\frac{1}{2} \div 3\frac{5}{6}$	
22.	$3\frac{2}{3} \div 2\frac{1}{4}$	
23.	$4\frac{3}{5} \div 1\frac{3}{4}$	
24.	$7\frac{1}{2} \div 6\frac{1}{3}$	
25.	$3\frac{4}{5} \div 2\frac{9}{10}$	
26.	$3\frac{5}{6} \div 2\frac{1}{2}$	
27.	$3\frac{3}{4} \div 4\frac{1}{8}$	
28.	$5 \div 4\frac{5}{6}$	
29.	$3\frac{1}{4} \div 2$	
30.	$8 \div 5\frac{1}{3}$	

Number Correct: _____

Division of Fractions II–Round 1

Directions: Determine the quotient of the fractions.

1.	$\frac{4}{10} \div \frac{2}{10}$	
2.	$\frac{9}{12} \div \frac{3}{12}$	
3.	$\frac{6}{10} \div \frac{4}{10}$	
4.	$\frac{2}{8} \div \frac{3}{8}$	
5.	$\frac{2}{7} \div \frac{6}{7}$	
6.	$\frac{11}{9} \div \frac{8}{9}$	
7.	$\frac{5}{13} \div \frac{10}{13}$	
8.	$\frac{7}{8} \div \frac{13}{16}$	
9.	$\frac{3}{5} \div \frac{7}{10}$	
10.	$\frac{9}{30} \div \frac{3}{5}$	
11.	$\frac{1}{3} \div \frac{4}{5}$	
12.	$\frac{2}{5} \div \frac{3}{4}$	
13.	$\frac{3}{4} \div \frac{5}{9}$	
14.	$\frac{4}{5} \div \frac{7}{12}$	
15.	$\frac{3}{8} \div \frac{5}{2}$	

16.	$3\frac{1}{8} \div \frac{2}{3}$	
17.	$1\frac{5}{6} \div \frac{1}{2}$	
18.	$\frac{5}{8} \div 2\frac{3}{4}$	
19.	$\frac{1}{3} \div 1\frac{4}{5}$	
20.	$\frac{3}{4} \div 2\frac{3}{10}$	
21.	$2\frac{1}{5} \div 1\frac{1}{6}$	
22.	$2\frac{4}{9} \div 1\frac{3}{5}$	
23.	$1\frac{2}{9} \div 3\frac{2}{5}$	
24.	$2\frac{2}{3} \div 3$	
25.	$1\frac{3}{4} \div 2\frac{2}{5}$	
26.	$4 \div 1\frac{2}{9}$	
27.	$3\frac{1}{5} \div 6$	
28.	$2\frac{5}{6} \div 1\frac{1}{3}$	
29.	$10\frac{2}{3} \div 8$	
30.	$15 \div 2\frac{3}{5}$	

Number Correct: _____

Improvement: _____

Division of Fractions II–Round 2

Directions: Determine the quotient of the fractions.

1.	$\frac{10}{2} \div \frac{5}{2}$	
2.	$\frac{6}{5} \div \frac{3}{5}$	
3.	$\frac{10}{7} \div \frac{2}{7}$	
4.	$\frac{3}{8} \div \frac{5}{8}$	
5.	$\frac{1}{4} \div \frac{3}{12}$	
6.	$\frac{7}{5} \div \frac{3}{10}$	
7.	$\frac{8}{15} \div \frac{4}{5}$	
8.	$\frac{5}{6} \div \frac{5}{12}$	
9.	$\frac{3}{5} \div \frac{7}{9}$	
10.	$\frac{3}{10} \div \frac{3}{9}$	
11.	$\frac{3}{4} \div \frac{7}{9}$	
12.	$\frac{7}{10} \div \frac{3}{8}$	
13.	$4 \div \frac{4}{9}$	
14.	$\frac{5}{8} \div 7$	
15.	$9 \div \frac{2}{3}$	

16.	$\frac{5}{8} \div 1\frac{3}{4}$	
17.	$\frac{1}{4} \div 2\frac{2}{5}$	
18.	$2\frac{3}{5} \div \frac{3}{8}$	
19.	$1\frac{3}{5} \div \frac{2}{9}$	
20.	$4 \div 2\frac{3}{8}$	
21.	$1\frac{1}{2} \div 5$	
22.	$3\frac{1}{3} \div 1\frac{3}{4}$	
23.	$2\frac{2}{5} \div 1\frac{1}{4}$	
24.	$3\frac{1}{2} \div 2\frac{2}{3}$	
25.	$1\frac{4}{5} \div 2\frac{3}{4}$	
26.	$3\frac{1}{6} \div 1\frac{3}{5}$	
27.	$3\frac{3}{5} \div 2\frac{1}{8}$	
28.	$5 \div 1\frac{1}{6}$	
29.	$3\frac{3}{4} \div 5\frac{1}{2}$	
30.	$4\frac{2}{3} \div 5\frac{1}{4}$	

Number Correct: _____

Greatest Common Factor–Round 1

Directions: Determine the greatest common factor of each pair of numbers.

1.	GCF of 10 and 50	
2.	GCF of 5 and 35	
3.	GCF of 3 and 12	
4.	GCF of 8 and 20	
5.	GCF of 15 and 35	
6.	GCF of 10 and 75	
7.	GCF of 9 and 30	
8.	GCF of 15 and 33	
9.	GCF of 12 and 28	
10.	GCF of 16 and 40	
11.	GCF of 24 and 32	
12.	GCF of 35 and 49	
13.	GCF of 45 and 60	
14.	GCF of 48 and 72	
15.	GCF of 50 and 42	

16.	GCF of 45 and 72	
17.	GCF of 28 and 48	
18.	GCF of 44 and 77	
19.	GCF of 39 and 66	
20.	GCF of 64 and 88	
21.	GCF of 42 and 56	
22.	GCF of 28 and 42	
23.	GCF of 13 and 91	
24.	GCF of 16 and 84	
25.	GCF of 36 and 99	
26.	GCF of 39 and 65	
27.	GCF of 27 and 87	
28.	GCF of 28 and 70	
29.	GCF of 26 and 91	
30.	GCF of 34 and 51	

Number Correct: _____

Improvement: _____

Greatest Common Factor–Round 2

Directions: Determine the greatest common factor of each pair of numbers.

1.	GCF of 20 and 80	
2.	GCF of 10 and 70	
3.	GCF of 9 and 36	
4.	GCF of 12 and 24	
5.	GCF of 15 and 45	
6.	GCF of 10 and 95	
7.	GCF of 9 and 45	
8.	GCF of 18 and 33	
9.	GCF of 12 and 32	
10.	GCF of 16 and 56	
11.	GCF of 40 and 72	
12.	GCF of 35 and 63	
13.	GCF of 30 and 75	
14.	GCF of 42 and 72	
15.	GCF of 30 and 28	

16.	GCF of 33 and 99	
17.	GCF of 38 and 76	
18.	GCF of 26 and 65	
19.	GCF of 39 and 48	
20.	GCF of 72 and 88	
21.	GCF of 21 and 56	
22.	GCF of 28 and 52	
23.	GCF of 51 and 68	
24.	GCF of 48 and 84	
25.	GCF of 21 and 63	
26.	GCF of 64 and 80	
27.	GCF of 36 and 90	
28.	GCF of 28 and 98	
29.	GCF of 39 and 91	
30.	GCF of 38 and 95	

Addition of Decimals–Round 1

Number Correct: _____

Directions: Determine the sum of the decimals.

1.	1.3 + 2.1	
2.	3.6 + 2.2	
3.	8.3 + 4.6	
4.	14.3 + 12.6	
5.	21.2 + 34.5	
6.	14.81 + 13.05	
7.	32.34 + 16.52	
8.	56.56 + 12.12	
9.	78.03 + 21.95	
10.	32.14 + 45.32	
11.	14.7 + 32.8	
12.	24.5 + 42.9	
13.	45.8 + 32.4	
14.	71.7 + 32.6	
15.	102.5 + 213.7	
16.	365.8 + 127.4	
17.	493.4 + 194.8	

18.	14.08 + 34.27	
19.	24.98 + 32.05	
20.	76.67 + 40.33	
21.	46.14 + 32.86	
22.	475.34 + 125.88	
23.	561.09 + 356.24	
24.	872.78 + 135.86	
25.	788.04 + 324.69	
26.	467 + 32.78	
27.	583.84 + 356	
28.	549.2 + 678.09	
29.	497.74 + 32.1	
30.	741.9 + 826.14	
31.	524.67 + 764	
32.	821.3 + 106.87	
33.	548 + 327.43	
34.	108.97 + 268.03	

Addition of Decimals–Round 2

Number Correct: _____

Improvement: _____

Directions: Determine the sum of the decimals.

1.	3.4 + 1.2	
2.	5.6 + 3.1	
3.	12.4 + 17.5	
4.	10.6 + 11.3	
5.	4.8 + 3.9	
6.	4.56 + 1.23	
7.	32.3 + 14.92	
8.	23.87 + 16.34	
9.	102.08 + 34.52	
10.	35.91 + 23.8	
11.	62.7 + 34.89	
12.	14.76 + 98.1	
13.	29.32 + 31.06	
14.	103.3 + 32.67	
15.	217.4 + 87.79	
16.	22.02 + 45.8	
17.	168.3 + 89.12	

18.	67.82 + 37.9	
19.	423.85 + 47.5	
20.	148.9 + 329.18	
21.	4 + 3.25	
22.	103.45 + 6	
23.	32.32 + 101.8	
24.	62.1 + 0.89	
25.	105 + 1.45	
26.	235.91 + 12	
27.	567.01 + 432.99	
28.	101 + 52.3	
29.	324.69 + 567.31	
30.	245 + 0.987	
31.	191.67 + 3.4	
32.	347.1 + 12.89	
33.	627 + 4.56	
34.	0.157 + 4.56	

Subtraction of Decimals–Round 1

Number Correct: _____

Directions: Subtract the decimals to determine the difference.

1.	9.4 – 4.1	
2.	7.4 – 3.2	
3.	49.5 – 32.1	
4.	20.9 – 17.2	
5.	9.2 – 6.8	
6.	7.48 – 2.26	
7.	58.8 – 43.72	
8.	38.99 – 24.74	
9.	116.32 – 42.07	
10.	46.83 – 35.6	
11.	54.8 – 43.66	
12.	128.43 – 87.3	
13.	144.54 – 42.09	
14.	105.4 – 68.22	
15.	239.5 – 102.37	

16.	41.72 – 33.9	
17.	354.65 – 67.5	
18.	448.9 – 329.18	
19.	8 – 5.38	
20.	94.21 – 8	
21.	134.25 – 103.17	
22.	25.8 – 0.42	
23.	115 – 1.65	
24.	187.49 – 21	
25.	345.77 – 248.69	
26.	108 – 54.7	
27.	336.91 – 243.38	
28.	264 – 0.742	
29.	174.38 – 5.9	
30.	323.2 – 38.74	

Subtraction of Decimals–Round 2

Number Correct: _____

Improvement: _____

Directions: Subtract the decimals to determine the difference.

1.	8.4 – 5.4	
2.	5.6 – 3.1	
3.	9.7 – 7.2	
4.	14.3 – 12.1	
5.	34.5 – 13.2	
6.	14.86 – 13.85	
7.	43.27 – 32.14	
8.	48.48 – 27.27	
9.	64.74 – 31.03	
10.	98.36 – 24.09	
11.	33.54 – 24.4	
12.	114.7 – 73.42	
13.	45.2 – 32.7	
14.	74.8 – 53.9	
15.	238.4 – 114.36	

16.	14 – 10.32	
17.	43.37 – 28	
18.	24.56 – 18.88	
19.	33.55 – 11.66	
20.	329.56 – 284.49	
21	574.3 – 342.18	
22.	154 – 128.63	
23.	247.1 – 138.57	
24.	12 – 3.547	
25.	1.415 – 0.877	
26.	185.774 – 154.86	
27.	65.251 – 36.9	
28.	144.2 – 95.471	
29.	2.11 – 1.949	
30.	100 – 34.746	

Division of Fractions–Round 1

Number Correct: _____

Directions: Determine the quotients of the fractions.

1.	$\frac{1}{2} \div \frac{3}{5}$	
2.	$\frac{5}{6} \div \frac{1}{5}$	
3.	$\frac{3}{7} \div \frac{6}{11}$	
4.	$\frac{2}{5} \div \frac{8}{9}$	
5.	$\frac{1}{6} \div \frac{9}{10}$	
6.	$\frac{11}{12} \div \frac{8}{9}$	
7.	$\frac{5}{6} \div \frac{10}{13}$	
8.	$\frac{7}{8} \div \frac{13}{15}$	
9.	$\frac{3}{5} \div \frac{7}{9}$	
10.	$\frac{14}{17} \div \frac{13}{20}$	
11.	$3\frac{1}{2} \div 4\frac{4}{5}$	
12.	$6\frac{1}{5} \div 6\frac{3}{4}$	
13.	$2\frac{1}{4} \div 3\frac{1}{8}$	
14.	$1\frac{3}{5} \div \frac{7}{8}$	
15.	$\frac{1}{5} \div 4\frac{1}{2}$	

16.	$6\frac{7}{8} \div 11\frac{2}{3}$	
17.	$5\frac{5}{6} \div 3\frac{1}{2}$	
18.	$10\frac{5}{8} \div 12\frac{3}{7}$	
19.	$9\frac{1}{3} \div 8\frac{2}{5}$	
20.	$\frac{3}{4} \div 6\frac{7}{10}$	
21.	$2\frac{1}{3} \div 3\frac{5}{6}$	
22.	$2\frac{4}{5} \div 7\frac{9}{10}$	
23.	$5\frac{8}{9} \div 3\frac{3}{5}$	
24.	$12\frac{5}{9} \div 5$	
25.	$1\frac{5}{6} \div 2\frac{6}{7}$	
26.	$10 \div 5\frac{8}{9}$	
27.	$14\frac{3}{5} \div 10$	
28.	$7\frac{9}{11} \div 1\frac{9}{10}$	
29.	$15\frac{2}{3} \div 24$	
30.	$32 \div 12\frac{6}{7}$	

Division of Fractions–Round 2

Number Correct: _____

Directions: Determine the quotients of the fractions.

Improvement: _____

1.	$\frac{1}{2} \div \frac{3}{4}$	
2.	$\frac{3}{5} \div \frac{1}{7}$	
3.	$\frac{5}{6} \div \frac{1}{8}$	
4.	$\frac{3}{8} \div \frac{5}{9}$	
5.	$\frac{1}{4} \div \frac{2}{5}$	
6.	$\frac{7}{8} \div \frac{9}{10}$	
7.	$\frac{8}{11} \div \frac{4}{5}$	
8.	$\frac{5}{6} \div \frac{7}{12}$	
9.	$\frac{3}{4} \div \frac{8}{9}$	
10.	$\frac{7}{11} \div \frac{4}{7}$	
11.	$1\frac{3}{4} \div \frac{1}{2}$	
12.	$\frac{1}{10} \div 2\frac{3}{4}$	
13.	$5\frac{2}{3} \div \frac{7}{9}$	
14.	$\frac{5}{6} \div 6\frac{1}{2}$	
15.	$\frac{6}{7} \div 2\frac{1}{3}$	

16.	$\frac{7}{8} \div 2\frac{1}{4}$	
17.	$\frac{3}{4} \div 2\frac{3}{5}$	
18.	$4\frac{1}{5} \div 2\frac{1}{3}$	
19.	$4\frac{3}{8} \div \frac{2}{7}$	
20.	$\frac{4}{5} \div 2\frac{1}{8}$	
21.	$1\frac{1}{2} \div 3\frac{5}{6}$	
22.	$3\frac{2}{3} \div 2\frac{1}{4}$	
23.	$4\frac{3}{5} \div 1\frac{3}{4}$	
24.	$7\frac{1}{2} \div 6\frac{1}{3}$	
25.	$3\frac{4}{5} \div 2\frac{9}{10}$	
26.	$3\frac{5}{6} \div 2\frac{1}{2}$	
27.	$3\frac{3}{4} \div 4\frac{1}{8}$	
28.	$5 \div 4\frac{5}{6}$	
29.	$3\frac{1}{4} \div 2$	
30.	$8 \div 5\frac{1}{3}$	

Number Correct: _____

Addition of Decimals I–Round 1

Directions: Determine the sum of the decimals.

1.	1.3 + 2.1	
2.	3.6 + 2.2	
3.	8.3 + 4.6	
4.	14.3 + 12.6	
5.	21.2 + 34.5	
6.	14.81 + 13.05	
7.	32.34 + 16.52	
8.	56.56 + 12.12	
9.	78.03 + 21.95	
10.	32.14 + 45.32	
11.	14.7 + 32.8	
12.	24.5 + 42.9	
13.	45.8 + 32.4	
14.	71.7 + 32.6	
15.	102.5 + 213.7	
16.	365.8 + 127.4	
17.	493.4 + 194.8	

18.	14.08 + 34.27	
19.	24.98 + 32.05	
20.	76.67 + 40.33	
21.	46.14 + 32.86	
22.	475.34 + 125.88	
23.	561.09 + 356.24	
24.	872.78 + 135.86	
25.	788.04 + 324.69	
26.	467 + 32.78	
27.	583.84 + 356	
28.	549.2 + 678.09	
29.	497.74 + 32.1	
30.	741.9 + 826.14	
31.	524.67 + 764	
32.	821.3 + 106.87	
33.	548 + 327.43	
34.	108.97 + 268.03	

Number Correct: _____

Improvement: _____

Addition of Decimals I–Round 2

Directions: Determine the sum of the decimals.

1.	3.4 + 1.2	
2.	5.6 + 3.1	
3.	12.4 + 17.5	
4.	10.6 + 11.3	
5.	4.8 + 3.9	
6.	4.56 + 1.23	
7.	32.3 + 14.92	
8.	23.87 + 16.34	
9.	102.08 + 34.52	
10.	35.91 + 23.8	
11.	62.7 + 34.89	
12.	14.76 + 98.1	
13.	29.32 + 31.06	
14.	103.3 + 32.67	
15.	217.4 + 87.79	
16.	22.02 + 45.8	
17.	168.3 + 89.12	

18.	67.82 + 37.9	
19.	423.85 + 47.5	
20.	148.9 + 329.18	
21.	4 + 3.25	
22.	103.45 + 6	
23.	32.32 + 101.8	
24.	62.1 + 0.89	
25.	105 + 1.45	
26.	235.91 + 12	
27.	567.01 + 432.99	
28.	101 + 52.3	
29.	324.69 + 567.31	
30.	245 + 0.987	
31.	191.67 + 3.4	
32.	347.1 + 12.89	
33.	627 + 4.56	
34.	0.157 + 4.56	

Subtraction of Decimals—Round 1

Number Correct: _____

Directions: Subtract the decimals to determine the difference.

1.	9.4 – 4.1	
2.	7.4 – 3.2	
3.	49.5 – 32.1	
4.	20.9 – 17.2	
5.	9.2 – 6.8	
6.	7.48 – 2.26	
7.	58.8 – 43.72	
8.	38.99 – 24.74	
9.	116.32 – 42.07	
10.	46.83 – 35.6	
11.	54.8 – 43.66	
12.	128.43 – 87.3	
13.	144.54 – 42.09	
14.	105.4 – 68.22	
15.	239.5 – 102.37	

16.	41.72 – 33.9	
17.	354.65 – 67.5	
18.	448.9 – 329.18	
19.	8 – 5.38	
20.	94.21 – 8	
21.	134.25 – 103.17	
22.	25.8 – 0.42	
23.	115 – 1.65	
24.	187.49 – 21	
25.	345.77 – 248.69	
26.	108 – 54.7	
27.	336.91 – 243.38	
28.	264 – 0.742	
29.	174.38 – 5.9	
30.	323.2 – 38.74	

Subtraction of Decimals—Round 2

Number Correct: _____

Improvement: _____

Directions: Subtract the decimals to determine the difference.

1.	8.4 – 5.4	
2.	5.6 – 3.1	
3.	9.7 – 7.2	
4.	14.3 – 12.1	
5.	34.5 – 13.2	
6.	14.86 – 13.85	
7.	43.27 – 32.14	
8.	48.48 – 27.27	
9.	64.74 – 31.03	
10.	98.36 – 24.09	
11.	33.54 – 24.4	
12.	114.7 – 73.42	
13.	45.2 – 32.7	
14.	74.8 – 53.9	
15.	238.4 – 114.36	

16.	14 – 10.32	
17.	43.37 – 28	
18.	24.56 – 18.88	
19.	33.55 – 11.66	
20.	329.56 – 284.49	
21.	574.3 – 342.18	
22.	154 – 128.63	
23.	247.1 – 138.57	
24.	12 – 3.547	
25.	1.415 – 0.877	
26.	185.774 – 154.86	
27.	65.251 – 36.9	
28.	144.2 – 95.471	
29.	2.11 – 1.949	
30.	100 – 34.746	

Multiplication of Fractions – Round 1

Directions: *Determine the product of the fractions.*

Number Correct: _____

1.	$\frac{1}{2} \times \frac{3}{4}$	
2.	$\frac{5}{6} \times \frac{5}{7}$	
3.	$\frac{3}{4} \times \frac{7}{8}$	
4.	$\frac{4}{5} \times \frac{8}{9}$	
5.	$\frac{1}{4} \times \frac{3}{7}$	
6.	$\frac{5}{7} \times \frac{4}{9}$	
7.	$\frac{3}{5} \times \frac{1}{8}$	
8.	$\frac{2}{9} \times \frac{7}{9}$	
9.	$\frac{1}{3} \times \frac{2}{5}$	
10.	$\frac{3}{7} \times \frac{5}{8}$	
11.	$\frac{2}{3} \times \frac{9}{10}$	
12.	$\frac{3}{5} \times \frac{1}{6}$	
13.	$\frac{2}{7} \times \frac{3}{4}$	
14.	$\frac{5}{8} \times \frac{3}{10}$	
15.	$\frac{4}{5} \times \frac{7}{8}$	

16.	$\frac{8}{9} \times \frac{3}{4}$	
17.	$\frac{3}{4} \times \frac{4}{7}$	
18.	$\frac{1}{4} \times \frac{8}{9}$	
19.	$\frac{3}{5} \times \frac{10}{11}$	
20.	$\frac{8}{13} \times \frac{7}{24}$	
21.	$2\frac{1}{2} \times 3\frac{3}{4}$	
22.	$1\frac{4}{5} \times 6\frac{1}{3}$	
23.	$8\frac{2}{7} \times 4\frac{5}{6}$	
24.	$5\frac{2}{5} \times 2\frac{1}{8}$	
25.	$4\frac{6}{7} \times 1\frac{1}{4}$	
26.	$2\frac{2}{3} \times 4\frac{2}{5}$	
27.	$6\frac{9}{10} \times 7\frac{1}{3}$	
28.	$1\frac{3}{8} \times 4\frac{2}{5}$	
29.	$3\frac{5}{6} \times 2\frac{4}{15}$	
30.	$4\frac{1}{3} \times 5$	

Multiplication of Fractions – Round 2

Number Correct: _____

Improvement: _____

Directions: *Determine the product of the fractions.*

1.	$\frac{5}{6} \times \frac{1}{4}$	
2.	$\frac{2}{3} \times \frac{5}{7}$	
3.	$\frac{1}{3} \times \frac{2}{5}$	
4.	$\frac{5}{7} \times \frac{5}{8}$	
5.	$\frac{3}{8} \times \frac{7}{9}$	
6.	$\frac{3}{4} \times \frac{5}{6}$	
7.	$\frac{2}{7} \times \frac{3}{8}$	
8.	$\frac{1}{4} \times \frac{3}{4}$	
9.	$\frac{5}{8} \times \frac{3}{10}$	
10.	$\frac{6}{11} \times \frac{1}{2}$	
11.	$\frac{6}{7} \times \frac{5}{8}$	
12.	$\frac{1}{6} \times \frac{9}{10}$	
13.	$\frac{3}{4} \times \frac{8}{9}$	
14.	$\frac{5}{6} \times \frac{2}{3}$	
15.	$\frac{1}{4} \times \frac{8}{11}$	

16.	$\frac{3}{7} \times \frac{2}{9}$	
17.	$\frac{4}{5} \times \frac{10}{13}$	
18.	$\frac{2}{9} \times \frac{3}{8}$	
19.	$\frac{1}{8} \times \frac{4}{5}$	
20.	$\frac{3}{7} \times \frac{2}{15}$	
21.	$1\frac{1}{2} \times 4\frac{3}{4}$	
22.	$2\frac{5}{6} \times 3\frac{3}{8}$	
23.	$1\frac{7}{8} \times 5\frac{1}{5}$	
24.	$6\frac{2}{3} \times 2\frac{3}{8}$	
25.	$7\frac{1}{2} \times 3\frac{6}{7}$	
26.	$3 \times 4\frac{1}{3}$	
27.	$2\frac{3}{5} \times 5\frac{1}{6}$	
28.	$4\frac{2}{5} \times 7$	
29.	$1\frac{4}{7} \times 2\frac{1}{2}$	
30.	$3\frac{5}{6} \times \frac{3}{10}$	

Multiplication of Decimals – Round 1

Directions: *Determine the products of the decimals.*

Number Correct: _____

1.	4.5 × 3	
2.	7.2 × 8	
3.	9.4 × 6	
4.	10.2 × 7	
5.	8.3 × 4	
6.	5.8 × 2	
7.	7.1 × 9	
8.	5.9 × 10	
9.	3.4 × 3	
10.	3.2 × 4.1	
11.	6.3 × 2.8	
12.	9.7 × 3.6	
13.	8.7 × 10.2	
14.	4.4 × 8.9	
15.	3.9 × 7.4	
16.	6.5 × 5.5	
17.	1.8 × 8.1	
18.	9.6 × 2.3	

19.	3.56 × 4.12	
20.	9.32 × 1.74	
21.	10.43 × 7.61	
22.	2.77 × 8.39	
23.	1.89 × 7.52	
24.	7.5 × 10.91	
25.	7.28 × 6.3	
26.	1.92 × 8.34	
27.	9.81 × 5.11	
28.	18.23 × 12.56	
29.	92.38 × 45.78	
30.	13.41 × 22.96	
31.	143.8 × 32.81	
32.	82.14 × 329.4	
33.	34.19 × 84.7	
34.	23.65 × 38.83	
35.	72.5 × 56.21	
36.	341.9 × 24.56	

Multiplication of Decimals – Round 2

Number Correct: _____

Improvement: _____

Directions: *Determine the products of the decimals.*

1.	3.7×8	
2.	9.2×10	
3.	2.1×3	
4.	4.8×9	
5.	3.3×5	
6.	7.4×4	
7.	8.1×9	
8.	1.9×2	
9.	5.6×7	
10.	3.6×8.2	
11.	4.1×9.8	
12.	5.2×8.7	
13.	1.4×7.2	
14.	3.4×10.2	
15.	2.8×6.4	
16.	3.9×9.3	
17.	8.2×6.5	
18.	4.5×9.2	

19.	4.67×5.21	
20.	6.81×1.94	
21.	7.82×10.45	
22.	3.87×3.97	
23.	9.43×4.21	
24.	1.48×9.52	
25.	9.41×2.74	
26.	5.6×4.22	
27.	8.65×3.1	
28.	14.56×98.36	
29.	33.9×10.23	
30.	451.8×32.04	
31.	108.4×32.71	
32.	40.36×190.3	
33.	75.8×32.45	
34.	56.71×321.8	
35.	80.72×42.7	
36.	291.08×41.23	

Addition of Decimals – Round 1

Directions: *Determine the sum of the decimals.*

Number Correct: _____

1.	4.2 + 3.5	
2.	9.2 + 2.8	
3.	23.4 + 45.5	
4.	45.2 + 53.7	
5.	6.8 + 7.5	
6.	5.62 + 3.17	
7.	23.85 + 21.1	
8.	32.45 + 24.77	
9.	112.07 + 54.25	
10.	64.82 + 42.7	
11.	87.5 + 45.21	
12.	16.87 + 17.3	
13.	27.84 + 34.21	
14.	114.8 + 83.71	
15.	235.6 + 78.26	
16.	78.04 + 8.29	
17.	176.23 + 74.7	

18.	89.12 + 45.5	
19.	416.78 + 46.5	
20.	247.12 + 356.78	
21.	9 + 8.47	
22.	254.78 + 9	
23.	85.12 + 78.99	
24.	74.54 + 0.97	
25.	108 + 1.75	
26.	457.23 + 106	
27.	841.99 + 178.01	
28.	154 + 85.3	
29.	246.34 + 525.66	
30.	356 + 0.874	
31.	243.84 + 75.3	
32.	438.21 + 195.7	
33.	85.7 + 17.63	
34.	0.648 + 3.08	

Addition of Decimals – Round 2

Number Correct: _____

Directions: *Determine the sum of the decimals.* Improvement: _____

1.	2.5 + 3.1	
2.	7.4 + 2.5	
3.	7.5 + 9.4	
4.	23.5 + 31.2	
5.	43.4 + 36.2	
6.	23.08 + 75.21	
7.	41.41 + 27.27	
8.	102.4 + 247.3	
9.	67.08 + 22.51	
10.	32.27 + 45.31	
11.	23.9 + 34.6	
12.	31.7 + 54.7	
13.	62.5 + 23.9	
14.	73.8 + 32.6	
15.	114.6 + 241.7	
16.	327.4 + 238.9	
17.	381.6 + 472.5	

18.	24.06 + 31.97	
19.	36.92 + 22.19	
20.	58.67 + 31.28	
21.	43.26 + 32.87	
22.	428.74 + 343.58	
23.	624.85 + 283.61	
24.	568.25 + 257.36	
25.	841.66 + 382.62	
26.	526 + 85.47	
27.	654.19 + 346	
28.	654.28 + 547.3	
29.	475.84 + 89.3	
30.	685.42 + 736.5	
31.	635.54 + 582	
32.	835.7 + 109.54	
33.	627 + 225.7	
34.	357.23 + 436.77	

Addition and Subtraction Equations – Round 1

Directions: *Find the value of m in each equation.*

Number Correct: _____

1.	$m + 4 = 11$	
2.	$m + 2 = 5$	
3.	$m + 5 = 8$	
4.	$m - 7 = 10$	
5.	$m - 8 = 1$	
6.	$m - 4 = 2$	
7.	$m + 12 = 34$	
8.	$m + 25 = 45$	
9.	$m + 43 = 89$	
10.	$m - 20 = 31$	
11.	$m - 13 = 34$	
12.	$m - 45 = 68$	
13.	$m + 34 = 41$	
14.	$m + 29 = 52$	
15.	$m + 37 = 61$	
16.	$m - 43 = 63$	
17.	$m - 21 = 40$	

18.	$m - 54 = 37$	
19.	$4 + m = 9$	
20.	$6 + m = 13$	
21.	$2 + m = 31$	
22.	$15 = m + 11$	
23.	$24 = m + 13$	
24.	$32 = m + 28$	
25.	$4 = m - 7$	
26.	$3 = m - 5$	
27.	$12 = m - 14$	
28.	$23 = m - 7$	
29.	$14 = m - 33$	
30.	$2 = m - 41$	
31.	$64 = m + 23$	
32.	$72 = m + 38$	
33.	$1 = m - 15$	
34.	$24 = m - 56$	

Addition and Subtraction Equations – Round 2

Number Correct: _____

Improvement: _____

Directions: *Find the value of m in each equation.*

1.	$m + 2 = 7$	
2.	$m + 4 = 10$	
3.	$m + 8 = 15$	
4.	$m + 7 = 23$	
5.	$m + 12 = 16$	
6.	$m - 5 = 2$	
7.	$m - 3 = 8$	
8.	$m - 4 = 12$	
9.	$m - 14 = 45$	
10.	$m + 23 = 40$	
11.	$m + 13 = 31$	
12.	$m + 23 = 48$	
13.	$m + 38 = 52$	
14.	$m - 14 = 27$	
15.	$m - 23 = 35$	
16.	$m - 17 = 18$	
17.	$m - 64 = 1$	

18.	$6 = m + 3$	
19.	$12 = m + 7$	
20.	$24 = m + 16$	
21.	$13 = m + 9$	
22.	$32 = m - 3$	
23.	$22 = m - 12$	
24.	$34 = m - 10$	
25.	$48 = m + 29$	
26.	$21 = m + 17$	
27.	$52 = m + 37$	
28.	$66 = m + 29$	
29.	$42 = m - 18$	
30.	$39 = m - 12$	
31.	$62 = m - 39$	
32.	$14 = m - 47$	
33.	$15 + m = 23$	
34.	$28 + m = 41$	

Multiplication of Fractions – Round 1

Number Correct: _____

Directions: *Determine the product of the fractions.*

1.	$\frac{1}{2} \times \frac{5}{8}$	
2.	$\frac{3}{4} \times \frac{3}{5}$	
3.	$\frac{1}{4} \times \frac{7}{8}$	
4.	$\frac{3}{9} \times \frac{2}{5}$	
5.	$\frac{5}{8} \times \frac{3}{7}$	
6.	$\frac{3}{7} \times \frac{4}{9}$	
7.	$\frac{2}{5} \times \frac{3}{8}$	
8.	$\frac{4}{9} \times \frac{5}{9}$	
9.	$\frac{2}{3} \times \frac{5}{7}$	
10.	$\frac{2}{7} \times \frac{3}{10}$	
11.	$\frac{3}{4} \times \frac{9}{10}$	
12.	$\frac{3}{5} \times \frac{2}{9}$	
13.	$\frac{2}{10} \times \frac{5}{6}$	
14.	$\frac{5}{8} \times \frac{7}{10}$	
15.	$\frac{3}{5} \times \frac{7}{9}$	

16.	$\frac{2}{9} \times \frac{3}{8}$	
17.	$\frac{3}{8} \times \frac{8}{9}$	
18.	$\frac{3}{4} \times \frac{7}{9}$	
19.	$\frac{3}{5} \times \frac{10}{13}$	
20.	$1\frac{2}{7} \times \frac{7}{8}$	
21.	$3\frac{1}{2} \times 3\frac{5}{6}$	
22.	$1\frac{7}{8} \times 5\frac{1}{5}$	
23.	$5\frac{4}{5} \times 3\frac{2}{9}$	
24.	$7\frac{2}{5} \times 2\frac{3}{8}$	
25.	$4\frac{2}{3} \times 2\frac{3}{10}$	
26.	$3\frac{3}{5} \times 6\frac{1}{4}$	
27.	$2\frac{7}{9} \times 5\frac{1}{3}$	
28.	$4\frac{3}{8} \times 3\frac{1}{5}$	
29.	$3\frac{1}{3} \times 5\frac{2}{5}$	
30.	$2\frac{2}{3} \times 7$	

Multiplication of Fractions – Round 2

Number Correct: _____

Improvement: _____

Directions: *Determine the product of the fractions.*

1.	$\frac{2}{3} \times \frac{5}{7}$	
2.	$\frac{1}{4} \times \frac{3}{5}$	
3.	$\frac{2}{3} \times \frac{2}{5}$	
4.	$\frac{5}{9} \times \frac{5}{8}$	
5.	$\frac{5}{8} \times \frac{3}{7}$	
6.	$\frac{3}{4} \times \frac{7}{8}$	
7.	$\frac{2}{5} \times \frac{3}{8}$	
8.	$\frac{3}{4} \times \frac{3}{4}$	
9.	$\frac{7}{8} \times \frac{3}{10}$	
10.	$\frac{4}{9} \times \frac{1}{2}$	
11.	$\frac{6}{11} \times \frac{3}{8}$	
12.	$\frac{5}{6} \times \frac{9}{10}$	
13.	$\frac{3}{4} \times \frac{2}{9}$	
14.	$\frac{4}{11} \times \frac{5}{8}$	
15.	$\frac{2}{3} \times \frac{9}{10}$	

16.	$\frac{3}{11} \times \frac{2}{9}$	
17.	$\frac{3}{5} \times \frac{10}{21}$	
18.	$\frac{4}{9} \times \frac{3}{10}$	
19.	$\frac{3}{8} \times \frac{4}{5}$	
20.	$\frac{6}{11} \times \frac{2}{15}$	
21.	$1\frac{2}{3} \times \frac{3}{5}$	
22.	$2\frac{1}{6} \times \frac{3}{4}$	
23.	$1\frac{2}{5} \times 3\frac{2}{3}$	
24.	$4\frac{2}{3} \times 1\frac{1}{4}$	
25.	$3\frac{1}{2} \times 2\frac{4}{5}$	
26.	$3 \times 5\frac{3}{4}$	
27.	$1\frac{2}{3} \times 3\frac{1}{4}$	
28.	$2\frac{3}{5} \times 3$	
29.	$1\frac{5}{7} \times 3\frac{1}{2}$	
30.	$3\frac{1}{3} \times 1\frac{9}{10}$	

Addition and Subtraction Equations – Round 1

Number Correct: _____

Directions: *Find the value of m in each equation.*

1.	$m + 4 = 11$	
2.	$m + 2 = 5$	
3.	$m + 5 = 8$	
4.	$m - 7 = 10$	
5.	$m - 8 = 1$	
6.	$m - 4 = 2$	
7.	$m + 12 = 34$	
8.	$m + 25 = 45$	
9.	$m + 43 = 89$	
10.	$m - 20 = 31$	
11.	$m - 13 = 34$	
12.	$m - 45 = 68$	
13.	$m + 34 = 41$	
14.	$m + 29 = 52$	
15.	$m + 37 = 61$	
16.	$m - 43 = 63$	
17.	$m - 21 = 40$	

18.	$m - 54 = 37$	
19.	$4 + m = 9$	
20.	$6 + m = 13$	
21.	$2 + m = 31$	
22.	$15 = m + 11$	
23.	$24 = m + 13$	
24.	$32 = m + 28$	
25.	$4 = m - 7$	
26.	$3 = m - 5$	
27.	$12 = m - 14$	
28.	$23 = m - 7$	
29.	$14 = m - 33$	
30.	$2 = m - 41$	
31.	$64 = m + 23$	
32.	$72 = m + 38$	
33.	$1 = m - 15$	
34.	$24 = m - 56$	

Addition and Subtraction Equations – Round 2

Number Correct: _____

Directions: *Find the value of m in each equation.*

Improvement: _____

1.	$m + 2 = 7$	
2.	$m + 4 = 10$	
3.	$m + 8 = 15$	
4.	$m + 7 = 23$	
5.	$m + 12 = 16$	
6.	$m - 5 = 2$	
7.	$m - 3 = 8$	
8.	$m - 4 = 12$	
9.	$m - 14 = 45$	
10.	$m + 23 = 40$	
11.	$m + 13 = 31$	
12.	$m + 23 = 48$	
13.	$m + 38 = 52$	
14.	$m - 14 = 27$	
15.	$m - 23 = 35$	
16.	$m - 17 = 18$	
17.	$m - 64 = 1$	

18.	$6 = m + 3$	
19.	$12 = m + 7$	
20.	$24 = m + 16$	
21.	$13 = m + 9$	
22.	$32 = m - 3$	
23.	$22 = m - 12$	
24.	$34 = m - 10$	
25.	$48 = m + 29$	
26.	$21 = m + 17$	
27.	$52 = m + 37$	
28.	$66 = m + 29$	
29.	$42 = m - 18$	
30.	$39 = m - 12$	
31.	$62 = m - 39$	
32.	$14 = m - 47$	
33.	$15 + m = 23$	
34.	$28 + m = 41$	