

Subtracting Whole Numbers*

Name _____

Date _____

Find the difference.

1.
$$\begin{array}{r} 83,518 \\ - 27,679 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 384,591 \\ - 117,235 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 516,879 \\ - 215,279 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 6,293,810 \\ - 4,206,915 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 145,403 \\ - 79,256 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 207,813 \\ - 176,928 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 2,146,921 \\ - 923,810 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 2,562,821 \\ - 1,207,935 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 215,874 \\ - 97,298 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 517,715 \\ - 308,803 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 4,279,513 \\ - 29,986 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 51,204,167 \\ - 2,501,814 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 500,000 \\ - 270,915 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 6,004,102 \\ - 2,513,526 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 427,200,005 \\ - 162,843,156 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 915,207,005 \\ - 421,136,156 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 206,070 \\ - 92,413 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 1,470,010 \\ - 1,351,629 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 41,426,951 \\ - 2,035,001 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 206,042,091 \\ - 123,456,789 \\ \hline \end{array}$$

Subtract.

21. $52,635 - 6,263$ _____

22. $621,516 - 305,179$ _____

23. $1,427,615 - 862,513$ _____

24. $7,213,824 - 2,196,302$ _____

Solve.

25. Jason has 206,021 stamps. He collected 125,357 during the past year and the remainder before that. How many did he collect before this past year?

26. Kate is permitted 1000 calories a day on her diet. At lunch she consumed 279 and at breakfast 342. How many calories may she consume at dinner?

Adding Decimals*

Name _____

Date _____

Find the sum.

1.
$$\begin{array}{r} 14.27 \\ 6.91 \\ + 8.347 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 27.304 \\ 4.72 \\ + 1.61 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 5.0 \\ 2.079 \\ + 41.41 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 8.34 \\ 21.35 \\ + 0.87 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 1.465 \\ 9.208 \\ + 14.36 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 4.014 \\ 0.8 \\ 1.4 \\ + 2.79 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 5.5 \\ 0.55 \\ 0.055 \\ + 55.0 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 21.46 \\ 8.921 \\ 1.46 \\ + 31.976 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 4.215 \\ 17.8231 \\ 4.865 \\ + 97.41 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 5.927 \\ 18.35 \\ 7.917 \\ + 82.43 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 88.49 \\ 293.4 \\ 72.84 \\ + 621.08 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 16.41 \\ 9.835 \\ 91.46 \\ + 8.672 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 89.327 \\ 6.43 \\ 81.6 \\ + 3.915 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 672.15 \\ 897.38 \\ 404.04 \\ + 675.35 \\ \hline \end{array}$$

15.
$$\begin{array}{r} \$269.43 \\ 827.69 \\ 591.63 \\ + 919.86 \\ \hline \end{array}$$

Align and add.

16. $0.4 + 2.05 + 6.1 + 0.406$ _____

17. $0.715 + 6.429 + 3.0307 + 2.8$ _____

18. $0.104 + 8.796 + 6 + 0.3051$ _____

19. $5.492 + 78.04 + 0.376 + 0.541$ _____

20. $8.6 + 7.801 + 5.92 + 15.8$ _____

21. $4 + 18.7 + 91.428 + 8.21$ _____

Play these games.

22. Find the sum of each row and column.
What is the magic sum? _____

4.7	21.15	9.4
16.45	11.75	7.05
14.1	2.35	18.8

23. Find the sum of each row and column.
Then find the sum of these sums.
What is the final sum? _____

$6.25 + 19.35$	→	
+	+	
$2.72 + 8.5$	→	
↓	↓	

Subtracting Decimals*

Name _____

Date _____

Find the difference.

1.
$$\begin{array}{r} 8.941 \\ - 7.753 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 3.516 \\ - 0.309 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 5.289 \\ - 1.727 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 6.539 \\ - 4.999 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 4.291 \\ - 3.478 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 23.62 \\ - 19.427 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 81.815 \\ - 7.24 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 62.397 \\ - 15.6 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 74.223 \\ - 7.598 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 46.82 \\ - 7.915 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 82.679 \\ - 19.493 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 67.665 \\ - 9.879 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 41.23 \\ - 8.765 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 92.5 \\ - 7.356 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 19.42 \\ - 7.691 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 5.1 \\ - 0.765 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 8.1 \\ - 3.472 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 15 \\ - 11.707 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 24 \\ - 3.869 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 5 \\ - 0.56 \\ \hline \end{array}$$

Align and subtract.

21. $6.72 - 1.7$ _____

22. $12 - 9.72$ _____

23. $207.1 - 11.4$ _____

24. $53.7 - 9.62$ _____

25. $16.45 - 11.9$ _____

26. $9.48 - 5.691$ _____

For each purchase, find the change from \$100.

27. a chair at \$62.56 _____

28. a bicycle at \$79.98 _____

29. a coat at \$87.75 _____

30. a watch at \$32.43 _____

31. a stereo at \$69.37 _____

32. a radio at \$36.29 _____

Adding and Subtracting Decimals*

Name _____

Date _____

Add or subtract.

1. $5.6 + 3.9 + 8.27$ _____

2. $54.6 - 8.972$ _____

3. $27.6 - 12.462$ _____

4. $9.76 + 13.7 + 1.25$ _____

5. $8.91 + 4.7 + 3.4$ _____

6. $1.42 + 3.96 + 5.1$ _____

7. $81.23 - 47.6$ _____

8. $42.76 - 37.419$ _____

9. $673 + 8.7 + 5 + 13.6$ _____

10. $92 - 9.765$ _____

11. $129.72 - 1.963$ _____

12. $12 + 1.2 + 0.12 + 0.012$ _____

13. $7.962 - 0.31$ _____

14. $8 - 7.621$ _____

Solve.

15. The scouts hiked the following distances in three days:
24.6 km, 18.9 km, and 27.4 km. What was the total
distance hiked? _____

16. The Gonzalez family drove from their home to Carson
City. At the beginning of the trip, the odometer on their car
read 27,062.9 miles. At the end of the trip, the odometer
read 27,801.6 miles. How many miles had they driven? _____

Adding Integers*

Name _____

Date _____

Find the sum.

1. $+8 + +5 =$ _____

4. $-2 + -6 =$ _____

7. $-18 + +25 =$ _____

10. $+9 + -5 =$ _____

13. $+7 + +8 =$ _____

16. $+9 + -2 =$ _____

19. $-3 + -6 =$ _____

22. $-21 + -12 =$ _____

25. $-90 + -20 =$ _____

28. $-70 + +22 =$ _____

31. $+20 + -9 =$ _____

34. $+20 + +21 =$ _____

2. $-7 + -15 =$ _____

5. $+25 + +100 =$ _____

8. $-1 + -12 =$ _____

11. $-20 + +12 =$ _____

14. $-4 + -7 =$ _____

17. $+4 + +12 =$ _____

20. $-7 + +4 =$ _____

23. $-40 + -60 =$ _____

26. $-8 + +6 =$ _____

29. $+24 + -24 =$ _____

32. $-5 + +2 =$ _____

35. $+12 + -3 =$ _____

3. $-20 + +8 =$ _____

6. $-9 + -41 =$ _____

9. $+50 + +8 =$ _____

12. $-72 + -6 =$ _____

15. $+25 + -5 =$ _____

18. $-6 + -4 =$ _____

21. $+8 + -8 =$ _____

24. $+24 + -9 =$ _____

27. $-45 + +45 =$ _____

30. $+8 + -15 =$ _____

33. $-7 + -5 =$ _____

36. $-8 + +15 =$ _____

Complete the addition table.

	+	-5	+20	-17	+6
37.	+12				
38.	-8				
39.	+15				
40.	-6				
41.	+9				

Compare. Write $<$, $=$, or $>$.

42. $-7 + -8$ _____ $-8 + -7$

44. $-2 + -3$ _____ $+2 + +3$

43. $-4 + +8$ _____ $+4 + -8$

45. $-5 + -6$ _____ $-4 + -6$

Subtracting Integers*

Name _____

Date _____

Subtract.

- | | | |
|-----------------------|-----------------------|-------------------------|
| 1. $+5 - +3 =$ _____ | 2. $-8 - +8 =$ _____ | 3. $+10 - -10 =$ _____ |
| 4. $+4 - +2 =$ _____ | 5. $-5 - -6 =$ _____ | 6. $+15 - +7 =$ _____ |
| 7. $-6 - -3 =$ _____ | 8. $+3 - +4 =$ _____ | 9. $-27 - +27 =$ _____ |
| 10. $-7 - -5 =$ _____ | 11. $-9 - +6 =$ _____ | 12. $-60 - -42 =$ _____ |
| 13. $+3 - -4 =$ _____ | 14. $+7 - -2 =$ _____ | 15. $-75 - -25 =$ _____ |
| 16. $+8 - +4 =$ _____ | 17. $-7 - -3 =$ _____ | 18. $+5 - -4 =$ _____ |
| 19. $+3 - +7 =$ _____ | 20. $-4 - -2 =$ _____ | 21. $+10 - -7 =$ _____ |
| 22. $+4 - +1 =$ _____ | 23. $-6 - -3 =$ _____ | 24. $0 - +3 =$ _____ |
| 25. $+1 - +3 =$ _____ | 26. $-3 - -1 =$ _____ | 27. $-3 - 0 =$ _____ |
| 28. $-4 - -6 =$ _____ | 29. $+2 - -5 =$ _____ | 30. $+7 - -7 =$ _____ |
| 31. $+6 - +6 =$ _____ | 32. $-9 - -7 =$ _____ | 33. $-14 - +6 =$ _____ |

Compute. (Hint: Use the order of operations.)

- | | |
|--------------------------------------|--------------------------------------|
| 34. $-8 + +3 - +5 + -3 - -6 =$ _____ | 35. $-7 - +9 + -2 + +7 + +4 =$ _____ |
| 36. $-2 + -3 - +4 + -5 - +6 =$ _____ | 37. $+2 - -3 - -4 + +5 + +6 =$ _____ |
| 38. $+90 + -60 - -30 + +20 =$ _____ | 39. $+40 + -60 + +40 + +70 =$ _____ |
| 40. $-72 - -43 - +6 - +14 =$ _____ | 41. $+53 - +2 - +40 + +31 =$ _____ |
| 42. $+10 - +20 - -30 + -10 =$ _____ | 43. $-16 - -14 + -14 - -16 =$ _____ |

Solve.

44. On Monday the temperature was -4°C . It rose 11°C on Tuesday. What was the temperature on Tuesday? _____
45. On Wednesday the temperature was -9°C . It rose 3°C on Thursday. What was the temperature on Thursday? _____

Multiplying Integers*

Name _____

Date _____

Multiply.

1. $+4 \times +2 =$ _____

4. $-3 \times -9 =$ _____

7. $+8 \times +5 =$ _____

10. $-7 \times +2 =$ _____

13. $+9 \times +7 =$ _____

16. $-4 \times -8 =$ _____

19. $+2 \times +9 =$ _____

22. $+5 \times 0 =$ _____

25. $+6 \times +8 =$ _____

28. $+3 \times +40 =$ _____

2. $-6 \times -7 =$ _____

5. $+6 \times -3 =$ _____

8. $+4 \times -3 =$ _____

11. $+6 \times +4 =$ _____

14. $-9 \times -4 =$ _____

17. $+7 \times +8 =$ _____

20. $+9 \times -6 =$ _____

23. $-7 \times 0 =$ _____

26. $-2 \times -7 =$ _____

29. $-15 \times -3 =$ _____

3. $+5 \times -4 =$ _____

6. $+3 \times -4 =$ _____

9. $-7 \times -7 =$ _____

12. $-5 \times -8 =$ _____

15. $-8 \times +7 =$ _____

18. $-3 \times +5 =$ _____

21. $-8 \times -9 =$ _____

24. $+2 \times -7 =$ _____

27. $-4 \times -12 =$ _____

30. $-20 \times +5 =$ _____

Write the missing factor.

31. $+4 \times \underline{\hspace{1cm}} = +28$

34. $-3 \times \underline{\hspace{1cm}} = -9$

37. $-7 \times \underline{\hspace{1cm}} = -42$

40. $\underline{\hspace{1cm}} \times +8 = 0$

43. $+6 \times \underline{\hspace{1cm}} = -54$

32. $+7 \times \underline{\hspace{1cm}} = +35$

35. $\underline{\hspace{1cm}} \times -6 = +18$

38. $\underline{\hspace{1cm}} \times -7 = +63$

41. $\underline{\hspace{1cm}} \times -5 = 0$

44. $-15 \times \underline{\hspace{1cm}} = +90$

33. $\underline{\hspace{1cm}} \times +3 = +15$

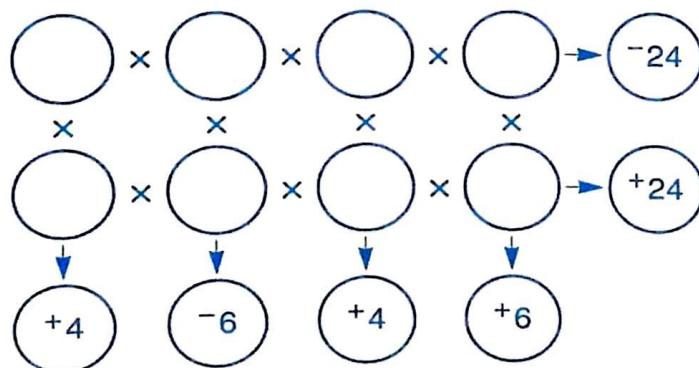
36. $\underline{\hspace{1cm}} \times +10 = -40$

39. $-3 \times \underline{\hspace{1cm}} = -27$

42. $\underline{\hspace{1cm}} \times -25 = -75$

45. $-8 \times \underline{\hspace{1cm}} = -72$

46. Use $+2$, -2 , $+3$, -3 , to complete the puzzle. Each number may be used more than once.



Divide.

1. $+60 \div +12 =$ _____

2. $-72 \div -6 =$ _____

3. $-48 \div +8 =$ _____

4. $+42 \div -7 =$ _____

5. $-12 \div +12 =$ _____

6. $+40 \div -8 =$ _____

7. $+49 \div -7 =$ _____

8. $+21 \div +7 =$ _____

9. $+144 \div -12 =$ _____

10. $-16 \div -2 =$ _____

11. $-20 \div +4 =$ _____

12. $-66 \div -11 =$ _____

13. $-64 \div -8 =$ _____

14. $-90 \div +3 =$ _____

15. $-90 \div -10 =$ _____

16. $+63 \div +7 =$ _____

17. $+24 \div -4 =$ _____

18. $-36 \div +6 =$ _____

19. $-12 \div -1 =$ _____

20. $+110 \div +10 =$ _____

21. $-24 \div -8 =$ _____

22. $+25 \div -5 =$ _____

23. $+7 \div +1 =$ _____

24. $-12 \div -3 =$ _____

25. $-50 \div +25 =$ _____

26. $-90 \div -10 =$ _____

27. $+32 \div -4 =$ _____

28. $+60 \div +6 =$ _____

29. $-33 \div +11 =$ _____

30. $-63 \div -9 =$ _____

Multiply or divide.

31. $+3 \times +6 =$ _____

32. $-45 \div +9 =$ _____

33. $+30 \div -6 =$ _____

34. $-7 \times +8 =$ _____

35. $+12 \times -5 =$ _____

36. $0 \div -7 =$ _____

37. $-54 \div -9 =$ _____

38. $-11 \times -4 =$ _____

39. $+72 \div -8 =$ _____

40. $+8 \div -8 =$ _____

41. $-121 \div +11 =$ _____

42. $-15 \times +4 =$ _____

43. $+96 \div +8 =$ _____

44. $-4 \times 0 =$ _____

45. $-10 \times -6 =$ _____

$$(-3 + -17) \div +5 - -2 \rightarrow [(-20) \div +5] - -2 \rightarrow -4 - -2 = -2$$

Compute.

46. $-8 \div +2 \div +2 =$ _____

47. $-24 \times +2 \div +4 + +8 =$ _____

48. $(+20 + -8) \div -4 + +1 =$ _____

49. $(-19 - -5) \div (-4 + +2) =$ _____

50. $(+16 \div -4) \div (+8 \div -4) =$ _____

51. $(+18 + -4) \div (-9 - -2) + -6 =$ _____

52. $(-24 \div -3) \times (-20 \div +4) \div +2 =$ _____

53. $(-8 + -10 - +3) \div -7 =$ _____

54. $-1000 \div +10 \div +10 \div -10 =$ _____

55. $+9(-2 + -4 \div -4) =$ _____

Adding Fractions*

Name _____

Date _____

Find the sum. Express the answer in simplest form.

1. $\frac{1}{6} + \frac{1}{6} =$ _____

2. $\frac{2}{11} + \frac{7}{11} =$ _____

3. $\frac{5}{12} + \frac{1}{12} =$ _____

4. $\frac{7}{11} + \frac{9}{11} =$ _____

5. $\frac{17}{20} + \frac{11}{20} =$ _____

6. $\frac{3}{4} + \frac{3}{4} =$ _____

$$\begin{array}{r} 7. \quad \frac{2}{3} \\ + \frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \frac{9}{10} \\ + \frac{3}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad \frac{1}{4} \\ + \frac{7}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad \frac{4}{5} \\ + \frac{7}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad \frac{9}{20} \\ + \frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad \frac{4}{9} \\ + \frac{5}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad \frac{7}{12} \\ + \frac{5}{20} \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad \frac{5}{8} \\ + \frac{5}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad \frac{2}{9} \\ \frac{7}{9} \\ + \frac{5}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad \frac{8}{15} \\ \frac{4}{15} \\ + \frac{7}{15} \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad \frac{3}{4} \\ \frac{1}{8} \\ + \frac{3}{16} \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad \frac{3}{5} \\ \frac{1}{2} \\ + \frac{3}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad \frac{2}{3} \\ \frac{11}{12} \\ + \frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad \frac{4}{15} \\ \frac{1}{4} \\ + \frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad \frac{5}{12} \\ \frac{4}{9} \\ + \frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad \frac{2}{3} \\ \frac{5}{6} \\ + \frac{3}{8} \\ \hline \end{array}$$

Solve.

23. Joan glued a piece of wood $\frac{1}{8}$ in. thick on top of a piece of wood $\frac{3}{4}$ in. thick. At the thickest point, how thick is the glued wood?

24. Bill needs canvas for three projects. One project requires $\frac{1}{4}$ yd, another requires $\frac{1}{2}$ yd, and the third project requires $\frac{1}{8}$ yd. How much canvas does he need for all three projects?

Subtracting Fractions*

Name _____

Date _____

Find the difference. Express the answer in simplest form.

1. $\frac{7}{8} - \frac{3}{8} =$ _____

2. $\frac{4}{9} - \frac{1}{9} =$ _____

3. $\frac{8}{11} - \frac{5}{11} =$ _____

4. $\frac{13}{15} - \frac{7}{15} =$ _____

5. $\frac{17}{20} - \frac{14}{20} =$ _____

6. $\frac{18}{25} - \frac{13}{25} =$ _____

7.
$$\begin{array}{r} \frac{3}{4} \\ - \frac{5}{8} \\ \hline \end{array}$$

8.
$$\begin{array}{r} \frac{7}{10} \\ - \frac{1}{5} \\ \hline \end{array}$$

9.
$$\begin{array}{r} \frac{7}{12} \\ - \frac{1}{4} \\ \hline \end{array}$$

10.
$$\begin{array}{r} \frac{7}{9} \\ - \frac{1}{3} \\ \hline \end{array}$$

11.
$$\begin{array}{r} \frac{2}{3} \\ - \frac{1}{2} \\ \hline \end{array}$$

12.
$$\begin{array}{r} \frac{5}{6} \\ - \frac{4}{5} \\ \hline \end{array}$$

13.
$$\begin{array}{r} \frac{3}{5} \\ - \frac{1}{4} \\ \hline \end{array}$$

14.
$$\begin{array}{r} \frac{9}{10} \\ - \frac{5}{6} \\ \hline \end{array}$$

15.
$$\begin{array}{r} \frac{1}{2} \\ - \frac{2}{5} \\ \hline \end{array}$$

16.
$$\begin{array}{r} \frac{7}{10} \\ - \frac{5}{8} \\ \hline \end{array}$$

17.
$$\begin{array}{r} \frac{8}{9} \\ - \frac{5}{6} \\ \hline \end{array}$$

18.
$$\begin{array}{r} \frac{2}{3} \\ - \frac{5}{8} \\ \hline \end{array}$$

Write $<$, $=$, or $>$ to make a true sentence.

19. $\frac{3}{4} - \frac{1}{2}$ _____ $\frac{1}{4}$

20. $\frac{5}{6} - \frac{1}{3}$ _____ $\frac{1}{6}$

21. $\frac{5}{6} - \frac{2}{3}$ _____ $\frac{1}{3}$

22. $\frac{7}{8} - \frac{3}{4}$ _____ $\frac{1}{4}$

23. $\frac{5}{8} - \frac{1}{3}$ _____ $\frac{1}{3}$

24. $\frac{5}{7} - \frac{1}{3}$ _____ $\frac{2}{7}$

25. $\frac{5}{8} - \frac{1}{2}$ _____ $\frac{1}{4}$

26. $\frac{2}{3} - \frac{1}{6}$ _____ $\frac{1}{2}$

27. $\frac{1}{2} - \frac{1}{3}$ _____ $\frac{1}{6}$

28. $\frac{5}{7} - \frac{1}{2}$ _____ $\frac{2}{7}$

Compute. Write the answer in simplest form.

29. $\left(\frac{1}{3} + \frac{2}{5}\right) - \frac{1}{2} =$ _____

30. $\left(\frac{5}{6} + \frac{1}{3}\right) - \frac{1}{4} =$ _____

31. $\left(\frac{1}{8} + \frac{1}{4}\right) - \frac{1}{3} =$ _____

32. $\left(\frac{5}{12} + \frac{1}{6}\right) - \frac{3}{8} =$ _____

33. $\left(\frac{1}{2} + \frac{5}{6}\right) - \frac{1}{3} =$ _____

34. $\left(\frac{1}{8} + \frac{1}{3}\right) - \frac{1}{12} =$ _____

35. $\left(\frac{2}{5} + \frac{1}{8}\right) - \frac{3}{20} =$ _____

36. $\left(\frac{4}{9} + \frac{1}{6}\right) - \frac{5}{12} =$ _____

Adding Mixed Numbers*

Name _____

Date _____

Find the sum. Write the answer in simplest form.

1. $5\frac{1}{5} + 6\frac{2}{5} =$ _____

2. $8\frac{2}{15} + 4\frac{7}{15} =$ _____

3. $9\frac{5}{8} + 4\frac{7}{8} =$ _____

4. $4\frac{17}{20} + 9\frac{19}{20} =$ _____

5. $5\frac{2}{7} + 4\frac{5}{7} =$ _____

6. $3\frac{3}{5} + 7\frac{2}{5} =$ _____

$$\begin{array}{r} 5\frac{2}{3} \\ + 1\frac{4}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 6\frac{3}{4} \\ + 9\frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 5\frac{1}{9} \\ + 6\frac{7}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 3\frac{7}{15} \\ + 8\frac{4}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 7\frac{5}{6} \\ + 3\frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 8\frac{5}{12} \\ + 8\frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 5\frac{2}{5} \\ + 2\frac{7}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 4\frac{1}{2} \\ + 7\frac{6}{11} \\ \hline \end{array}$$

$$\begin{array}{r} 5\frac{5}{6} \\ + 3\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 8\frac{8}{9} \\ + 7\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 3\frac{5}{6} \\ + 4\frac{4}{15} \\ \hline \end{array}$$

$$\begin{array}{r} 8\frac{3}{4} \\ + 9\frac{2}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 4\frac{4}{5} \\ 3\frac{3}{4} \\ + 2\frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 5\frac{3}{4} \\ 6\frac{1}{6} \\ + 7\frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 5\frac{4}{9} \\ 2\frac{5}{6} \\ + 9\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 1\frac{4}{5} \\ 3\frac{2}{3} \\ + 8\frac{7}{10} \\ \hline \end{array}$$

The children in the Burrows family are participating in a bike-a-thon. Find the total distance covered by each child.

	Bill's distance	Jim's distance	Rick's distance
Monday	$2\frac{1}{2}$ mi	$3\frac{1}{2}$ mi	$5\frac{1}{2}$ mi
Tuesday	$4\frac{1}{2}$ mi	$2\frac{1}{4}$ mi	$3\frac{1}{2}$ mi
Wednesday	$2\frac{3}{4}$ mi	$1\frac{1}{2}$ mi	2 mi
Thursday	$8\frac{1}{2}$ mi	$3\frac{3}{4}$ mi	$6\frac{1}{2}$ mi
Friday	$5\frac{1}{2}$ mi	$4\frac{3}{4}$ mi	$4\frac{1}{2}$ mi
Totals	23. _____	24. _____	25. _____

Subtracting Mixed Numbers*

Name _____

Date _____

Find the difference. Write the answer in simplest form.

1. $9\frac{13}{15} - 8\frac{7}{15} =$ _____

2. $4\frac{2}{3} - 1\frac{1}{3} =$ _____

3. $10\frac{4}{5} - 6\frac{2}{5} =$ _____

4. $8\frac{9}{10} - 3\frac{1}{10} =$ _____

5. $14\frac{12}{17} - 6\frac{8}{17} =$ _____

6. $19\frac{7}{12} - 11\frac{5}{12} =$ _____

7. $9\frac{5}{6} - 3\frac{1}{6} =$ _____

8. $13\frac{9}{35} - 12\frac{4}{35} =$ _____

9. $10\frac{14}{17} - 8\frac{6}{17} =$ _____

10.
$$\begin{array}{r} 8\frac{9}{10} \\ -4\frac{3}{5} \\ \hline \end{array}$$

11.
$$\begin{array}{r} 9\frac{5}{6} \\ -8\frac{1}{3} \\ \hline \end{array}$$

12.
$$\begin{array}{r} 6\frac{8}{9} \\ -4\frac{2}{3} \\ \hline \end{array}$$

13.
$$\begin{array}{r} 6\frac{2}{3} \\ -2\frac{1}{4} \\ \hline \end{array}$$

14.
$$\begin{array}{r} 6\frac{7}{8} \\ -3\frac{2}{5} \\ \hline \end{array}$$

15.
$$\begin{array}{r} 8\frac{5}{6} \\ -6\frac{5}{9} \\ \hline \end{array}$$

16.
$$\begin{array}{r} 7\frac{8}{9} \\ -3\frac{5}{12} \\ \hline \end{array}$$

17.
$$\begin{array}{r} 11\frac{4}{5} \\ -6\frac{1}{9} \\ \hline \end{array}$$

18.
$$\begin{array}{r} 9\frac{4}{5} \\ -2\frac{3}{4} \\ \hline \end{array}$$

19.
$$\begin{array}{r} 7\frac{5}{6} \\ -2\frac{4}{5} \\ \hline \end{array}$$

20.
$$\begin{array}{r} 8\frac{11}{12} \\ -2\frac{5}{8} \\ \hline \end{array}$$

21.
$$\begin{array}{r} 7\frac{3}{8} \\ -2\frac{1}{3} \\ \hline \end{array}$$

Circle the correct answer.

22. $5\frac{2}{3} - 2\frac{1}{5}$

a. $3\frac{1}{2}$

b. $3\frac{2}{15}$

c. $8\frac{3}{8}$

d. $3\frac{7}{15}$

e. none of these

23. $4\frac{7}{8} - 2\frac{1}{6}$

a. $2\frac{6}{2}$

b. $2\frac{17}{24}$

c. $2\frac{15}{24}$

d. $2\frac{5}{24}$

e. none of these

24. $7\frac{3}{4} - 2\frac{3}{4}$

a. $5\frac{3}{4}$

b. $4\frac{3}{4}$

c. 5

d. 4

e. none of these

25. $9\frac{2}{5} - 1\frac{1}{8}$

a. $10\frac{21}{40}$

b. $8\frac{1}{40}$

c. $8\frac{11}{40}$

d. $7\frac{11}{40}$

e. none of these

Subtracting Mixed Numbers* (Regrouping)

Name _____

Date _____

Subtract. Write the answer in simplest form.

1.
$$\begin{array}{r} 4\frac{1}{3} \\ -1\frac{2}{3} \\ \hline \end{array}$$

2.
$$\begin{array}{r} 8\frac{1}{5} \\ -2\frac{2}{5} \\ \hline \end{array}$$

3.
$$\begin{array}{r} 3\frac{2}{9} \\ -2\frac{5}{9} \\ \hline \end{array}$$

4.
$$\begin{array}{r} 8\frac{3}{10} \\ -4\frac{7}{10} \\ \hline \end{array}$$

5.
$$\begin{array}{r} 9 \\ -5\frac{2}{3} \\ \hline \end{array}$$

6.
$$\begin{array}{r} 16 \\ -10\frac{5}{6} \\ \hline \end{array}$$

7.
$$\begin{array}{r} 18 \\ -12\frac{5}{8} \\ \hline \end{array}$$

8.
$$\begin{array}{r} 9 \\ -6\frac{4}{7} \\ \hline \end{array}$$

9.
$$\begin{array}{r} 5\frac{1}{3} \\ -2\frac{1}{2} \\ \hline \end{array}$$

10.
$$\begin{array}{r} 7\frac{1}{4} \\ -4\frac{3}{5} \\ \hline \end{array}$$

11.
$$\begin{array}{r} 5\frac{1}{9} \\ -3\frac{5}{6} \\ \hline \end{array}$$

12.
$$\begin{array}{r} 12\frac{1}{6} \\ -8\frac{3}{8} \\ \hline \end{array}$$

13.
$$\begin{array}{r} 12\frac{3}{14} \\ -6\frac{5}{7} \\ \hline \end{array}$$

14.
$$\begin{array}{r} 11\frac{4}{5} \\ -8\frac{3}{10} \\ \hline \end{array}$$

15.
$$\begin{array}{r} 6\frac{7}{10} \\ -2\frac{3}{5} \\ \hline \end{array}$$

16.
$$\begin{array}{r} 8\frac{3}{5} \\ -1\frac{1}{3} \\ \hline \end{array}$$

17.
$$\begin{array}{r} 12\frac{3}{4} \\ -6\frac{5}{6} \\ \hline \end{array}$$

18.
$$\begin{array}{r} 16\frac{5}{18} \\ -7\frac{7}{12} \\ \hline \end{array}$$

19.
$$\begin{array}{r} 12\frac{1}{12} \\ -9\frac{2}{3} \\ \hline \end{array}$$

20.
$$\begin{array}{r} 7\frac{5}{12} \\ -4\frac{5}{8} \\ \hline \end{array}$$

Which is greater? Circle the correct answer.

21. $5 - 3\frac{1}{5}$ or $5\frac{1}{5} - 3$

22. $5\frac{1}{8} - 2\frac{1}{7}$ or $5\frac{1}{7} - 2\frac{1}{8}$

23. $5\frac{1}{5} - 3\frac{1}{3}$ or $6\frac{1}{6} - 4\frac{1}{4}$

24. $8\frac{2}{3} - 3\frac{3}{8}$ or $8\frac{3}{8} - 3\frac{2}{3}$

25. $7 - 2\frac{1}{3}$ or $7\frac{1}{3} - 2$

26. $3\frac{1}{4} - 2\frac{2}{3}$ or $3\frac{2}{3} - 2\frac{1}{4}$