

Name _____

Date _____

Perform the indicated subtraction.

1) $0 - 12$

2) $0 - 8$

3) $0 - (-7)$

4) $\frac{6}{11} - \frac{7}{11}$

5) $\frac{5}{9} - \left(-\frac{1}{9}\right)$

6) $-\frac{2}{3} - \frac{1}{2}$

7) $-\frac{4}{5} - \left(-\frac{7}{10}\right)$

8) $-4.3 - (-2.9)$

9) $-2.7 - (-4.9)$

10) $-8.6 - 5.2$

Simplify the series of additions and subtractions.

11) $15 - 6 - 10$

12) $11 - 7 + 6$

13) $8 + 13 - (-12) + (-3)$

14) $5 + 10 - 3$

15) $-15 + (-4) + 12 - 9$

16) $-1 - 11 - (-12) + (-1)$

17) $-12 + 4 - (-13) + (-1)$

18) $\frac{18}{11} - \frac{2}{11} - \frac{12}{11}$

19) $\frac{6}{13} - \frac{11}{26} + \frac{3}{13} - \frac{3}{26}$

20) $-11 + 3 - (-10) + (-10)$

21) $8.2 - 7.7 - 15.2$

Simplify the algebraic expression.

22) $4x - 9x$

23) $4 + 4y - 8y$

24) $7x - 15 - 8x$

25) $1 - (-2x) + 9x - (-8)$

26) $10 - 2y - 2 - 7y$

27) $3 - (-3x) + 8x - (-1)$

28) $4 - (-2x) + 8x - (-2)$

29) $3 - (-2x) + 7x - (-2)$

30) $4x - 6x$

31) $2x - 11 - 9x$

Solve.

32) Trader Tower stands at 2524 feet high. Exchange Emporium is 828 feet tall. How much taller is Trader Tower than Exchange Emporium?

33) The temperature at 5:00 was -6°C . Four hours later, it was -14°C . What was the change in temperature?

34) The temperature at 5:00 was -7°C . Four hours later, it was -10°C . What was the change in temperature?

35) City A has an elevation of 12,229 feet above sea level while city B has an elevation of 136 feet below sea level. Find the difference in elevation between those two cities.

36) City A has an elevation of 13,331 feet above sea level while city B has an elevation of 104 feet below sea level. Find the difference in elevation between those two cities.

37) The difference between a country's exports and imports is called the country's *trade balance*. In 1986, a country had \$45 billion in exports and \$147 billion in imports. What was the country's trade balance in 1986?

38) The difference between a country's exports and imports is called the country's *trade balance*. In 1988, a country had \$106 billion in exports and \$236 billion in imports. What was the country's trade balance in 1988?

39) The temperature at 5:00 was -2°C . Four hours later, it was -13°C . What was the change in temperature?

40) Trader Tower stands at 1982 feet high. Exchange Emporium is 819 feet tall. How much taller is Trader Tower than Exchange Emporium?

Answer Key

Testname: 010SUBTSIGNEDNUBERSV03

- 1) -12
- 2) -8
- 3) 7
- 4) $-\frac{1}{11}$
- 5) $\frac{2}{3}$
- 6) $-\frac{7}{6}$
- 7) $-\frac{1}{10}$
- 8) -1.4
- 9) 2.2
- 10) -13.8
- 11) -1
- 12) 10
- 13) 30
- 14) 12
- 15) -16
- 16) -1
- 17) 4
- 18) $\frac{4}{11}$
- 19) $\frac{2}{13}$
- 20) -8
- 21) -14.7
- 22) -5x
- 23) $4 - 4y$
- 24) $-1x - 15$
- 25) $9 + 11x$
- 26) $8 - 9y$
- 27) $4 + 11x$
- 28) $6 + 10x$
- 29) $5 + 9x$
- 30) -2x
- 31) $-7x - 11$
- 32) 1696 ft
- 33) -8°C
- 34) -3°C
- 35) 12,365 ft
- 36) 13,435 ft
- 37) $-\$102$ billion
- 38) $-\$130$ billion
- 39) -11°C
- 40) 1163 ft