

Name _____

Perform the indicated subtraction.

1) $15 - 10$

2) $10 - 20$

3) $11 - (-3)$

4) $12 - (-3)$

5) $11 - (-5)$

6) $10 - (-5)$

7) $6 - (-21)$

8) $6 - (-24)$

9) $69 - (-16)$

10) $-10 - (-29)$

11) $-11 - (-11)$

12) $5 - 5$

13) $10 - 10$

14) $6 - (-6)$

15) $6 - (-6)$

16) $5 - (-5)$

17) $0 - 12$

$18) 0 - 7$

$27) \frac{1}{9} - \left(-\frac{1}{9}\right)$

$19) 0 - 9$

$28) \frac{5}{9} - \left(-\frac{1}{9}\right)$

$20) 0 - (-11)$

$29) -\frac{4}{5} - \frac{7}{10}$

$21) 0 - (-9)$

$30) -\frac{3}{4} - \frac{5}{8}$

$22) 0 - (-10)$

$31) -\frac{2}{3} - \frac{1}{2}$

$23) \frac{5}{11} - \frac{6}{11}$

$32) -\frac{3}{4} - \left(-\frac{5}{8}\right)$

$24) \frac{3}{11} - \frac{4}{11}$

$33) -\frac{4}{5} - \left(-\frac{7}{10}\right)$

$25) \frac{2}{11} - \frac{5}{11}$

$34) -2.6 - (3.5)$

$26) \frac{7}{9} - \left(-\frac{1}{9}\right)$

$$35) -2.2 - (0.1)$$

$$36) -8.8 - 2.3$$

$$37) -9.3 - 2.3$$

$$38) -6.7 - 4.8$$

$$39) -9.7 - 7.5$$

$$40) -0.23 - (0.17)$$

$$41) -0.49 - (-0.48)$$

$$42) 0.70 - (-0.29)$$

$$43) 0.89 - (-0.50)$$

$$44) 0.89 - (-0.42)$$

Simplify the series of additions and subtractions.

$$45) -11 + 9 + 10$$

$$46) -3 - 1 - 9$$

$$47) -6 - 1 - 10$$

$$48) 3 + (-9) + 2 + 1$$

$$49) 13 + 7 - (-4) + (-10)$$

$$50) 2 - \frac{5}{4} - \frac{1}{4}$$

$$51) \frac{5}{13} - \frac{9}{26} + \frac{4}{13} - \frac{5}{26}$$

$$52) \frac{1}{7} - \frac{5}{42} + \frac{5}{42} - \frac{1}{21}$$

$$53) 9.5 - 7.2 - 16.1$$

Identify the terms in the algebraic expression.

54) $5x - 6y$

55) $9x - 4y$

56) $-6x + 9xy - y$

57) $-4x - 2xy - y$

58) $-7x - 2xy - y$

59) $9a - 6ab - 3$

60) $8a - 3ab - 5$

61) $7a - 5ab - 2$

62) $6a - 4ab - 2$

Simplify the algebraic expression.

63) $4x - 6x$

64) $2x - 7x$

65) $4 + 3y - 7y$

66) $5x - 7 - 2x$

67) $3 - 3y - 8 - 8y$

68) $9 - (-2x) + 9x - (-7)$

69) $3 + 4y - 7y$

70) $4x - 11 - 7x$

71) $2 - 4y - 5 - 9y$

72) $2 - (-4x) + 8x - (-6)$

Solve.

73) Trader Tower stands at 2030 feet high. Exchange Emporium is 816 feet tall. How much taller is Trader Tower than Exchange Emporium?

74) Trader Tower stands at 1864 feet high. Exchange Emporium is 832 feet tall. How much taller is Trader Tower than Exchange Emporium?

75) The temperature at 5:00 was -3°C . Four hours later, it was -14°C . What was the change in temperature?

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

77) City A has an elevation of 14,863 feet above sea level while city B has an elevation of 111 feet below sea level. Find the difference in elevation between those two cities.

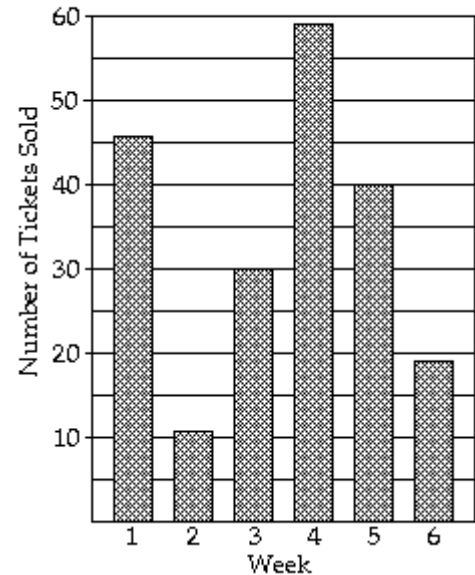
78) City A has an elevation of 11,600 feet above sea level while city B has an elevation of 148 feet below sea level. Find the difference in elevation between those two cities.

79) The difference between a country's exports and imports is called the country's *trade balance*. In 1997, a country had \$130 billion in exports and \$300 billion in imports. What was the country's trade balance in 1997?

80) The difference between a country's exports and imports is called the country's *trade balance*. In 1980, a country had \$62 billion in exports and \$222 billion in imports. What was the country's trade balance in 1980?

81) The bar graph shows the number of tickets sold each week by the garden club for their annual flower show.

Number of Tickets Sold Each Week



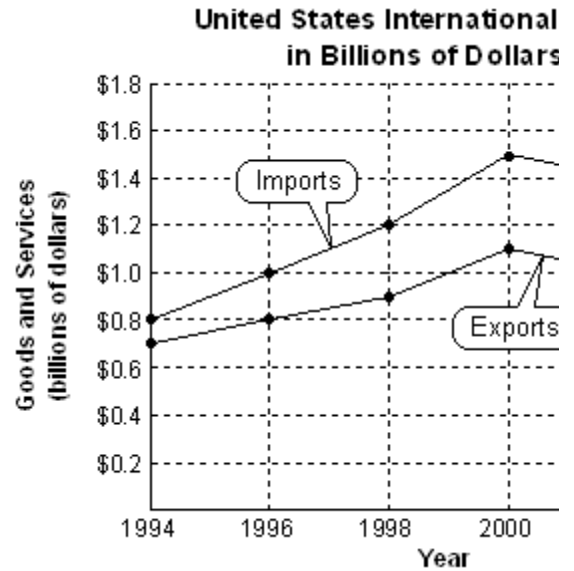
What is the difference in tickets sold from week 4 and week 3?

82) The line graphs show that from 1994 through 2004, the United States imported goods and services from other countries worth more than the value of its exports to those countries. As a result, we had a trade deficit for each year during this period. Express all answers in billions of dollars.



How much did we export to other countries in 2002?

83) The line graphs show that from 1994 through 2004, the United States imported goods and services from other countries worth more than the value of its exports to those countries. As a result, we had a trade deficit for each year during this period. Express all answers in billions of dollars.



Find the trade deficit, the difference between exports and imports, for 1998.

Answer Key

Testname: 01.6V01A

- 1) 5
- 2) -10
- 3) 14
- 4) 15
- 5) 16
- 6) 15
- 7) 27
- 8) 30
- 9) 85
- 10) 19
- 11) 0
- 12) 0
- 13) 0
- 14) 12
- 15) 12
- 16) 10
- 17) -12
- 18) -7
- 19) -9
- 20) 11
- 21) 9
- 22) 10
- 23) $-\frac{1}{11}$
- 24) $-\frac{1}{11}$
- 25) $-\frac{3}{11}$
- 26) $\frac{8}{9}$
- 27) $\frac{2}{9}$
- 28) $\frac{2}{3}$
- 29) $-\frac{3}{2}$
- 30) $-\frac{11}{8}$
- 31) $-\frac{7}{6}$
- 32) $-\frac{1}{8}$
- 33) $-\frac{1}{10}$
- 34) -6.1
- 35) -2.3
- 36) -11.1

Answer Key

Testname: 01.6V01A

37) -11.6

38) -11.5

39) -17.2

40) -0.4

41) -0.01

42) 0.99

43) 1.39

44) 1.31

45) 8

46) -13

47) -17

48) -3

49) 14

50) $\frac{1}{2}$

51) $\frac{2}{13}$

52) $\frac{2}{21}$

53) -13.8

54) $5x, -6y$

55) $9x, -4y$

56) $-6x, 9xy, -y$

57) $-4x, -2xy, -y$

58) $-7x, -2xy, -y$

59) $9a, -6ab, -3$

60) $8a, -3ab, -5$

61) $7a, -5ab, -2$

62) $6a, -4ab, -2$

63) $-2x$

64) $-5x$

65) $4 - 4y$

66) $3x - 7$

67) $-5 - 11y$

68) $16 + 11x$

69) $3 - 3y$

70) $-3x - 11$

71) $-3 - 13y$

72) $8 + 12x$

73) 1214 ft

74) 1032 ft

75) -11°C

76) -8°C

77) 14,974 ft

78) 11,748 ft

79) $-\$170$ billion

80) $-\$160$ billion

81) 29 tickets

82) $\$1.0$ billion

Answer Key

Testname: 01.6V01A

83) -\$0.3 billion