

Name _____

Date _____

Additional Exercises 1.6
Form I
Subtraction of Real Numbers

Perform the indicated subtraction.

1. $15 - 18$ 1. _____

2. $-12 - 17$ 2. _____

3. $16 - (-13)$ 3. _____

4. $-25 - 25$ 4. _____

5. $-10 - (-15)$ 5. _____

6. $-\frac{1}{8} - \frac{3}{8}$ 6. _____

7. $-6.7 - 3.4$ 7. _____

8. $56 - (-18)$ 8. _____

9. $\frac{3}{8} - \left(-\frac{5}{8}\right)$ 9. _____

10. $(-0.85) - (-0.20)$ 10. _____

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11. $7.196 - (-0.125)$

11. _____

12. $-76 - 37$

12. _____

Simplify each series of additions and subtractions.

13. $-14 - 6 + 12 - (-3)$

13. _____

14. $26 - (-3) - 42 + 7$

14. _____

15. $3 - \frac{3}{4} - \frac{1}{4} + 2$

15. _____

Simplify each algebraic expression.

16. $5x - 11x$

16. _____

17. $18 - 5x + 9x$

17. _____

18. $3a - 15 - 15 - 6a$

18. _____

Solve.

19. Beth is 62 inches tall. Bria is 67 inches tall. How much taller is Bria than Beth?

19. _____

20. At 4:00 p.m. the temperature was 37° F. At 11:00 p.m. the temperature was -1° F. What was the change in the temperature?

20. _____

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Additional Exercises 1.6
Form II
Subtraction of Real Numbers

Perform the indicated subtraction.

1. $65 - (-12)$ 1. _____

2. $-17 - (-25)$ 2. _____

3. $11 - (-15)$ 3. _____

4. $-18 - 18$ 4. _____

5. $-57 - 32$ 5. _____

6. $-45 - (-28)$ 6. _____

7. $-\frac{4}{5} - \frac{1}{5}$ 7. _____

8. $-\frac{8}{7} - \frac{13}{7}$ 8. _____

9. $6.124 - (-0.37)$ 9. _____

10. $-4.2 - 6.3$ 10. _____

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11. $68.7 - 93.1$

11. _____

12. $-54 - (-32.7)$

12. _____

Simplify each series of additions and subtractions.

13. $-5 + (-7) - 5 + 12$

13. _____

14. $-4 - 14 - (-12) + (-16)$

14. _____

15. $8 - 15 + 12 - (-6) - 7$

15. _____

Simplify each algebraic expression.

16. $-15y - 9x - 6x$

16. _____

17. $-8 - 5a - 12 + 3a$

17. _____

18. $-7y + 6 - 7 + 2 + y - 1$

18. _____

Solve.

19. Trader Tower stands at 2855 feet high. Exchange Emporium is 889 feet tall. How much taller is Trader Tower than Exchange Emporium?

19. _____

20. The temperature at 5:00 a.m. was -7° F. Four hours later, it was -12° F. What was the change in the temperature?

20. _____

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Additional Exercises 1.6
Form III
Subtraction of Real Numbers

Perform the indicated subtraction.

1. $-42 - 42$

1. _____

2. $-63 - (-15)$

2. _____

3. $27 - 43$

3. _____

4. $-93 - (-93)$

4. _____

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

5. _____

6. $5.8 - (-5.8)$

6. _____

7. $-3.72 - 6.817$

7. _____

8. $-\frac{7}{9} - \frac{11}{9}$

8. _____

9. $0.53 - 4.62$

9. _____

10. $66 - 143$

10. _____

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11. $-10\pi - 3\pi$

11. _____

12. $\frac{1}{8} - \left(-\frac{1}{24}\right)$

12. _____

Simplify each series of additions and subtractions.

13. $-19 - 16 + 26 - (-15)$

13. _____

14. $-\frac{5}{8} + \frac{3}{4} - \left(-\frac{5}{6}\right) - \frac{1}{12}$

14. _____

15. $-18.03 - (-6.15) + 0.85 - 11.2$

15. _____

Simplify each algebraic expression.

16. $25 - (-4x) + 13 - 6x$

16. _____

17. $-6x - 8y - (-5) - (-3y) + 9x$

17. _____

Write each English phrase as an algebraic expression. Then simplify the expression. Let x represent the number.

18. The difference between 8 times a number and 4 times a number 18. _____

19. The difference between 6 times a number and $\frac{3}{5}$ of a number 19. _____

Solve.

20. Denver, Colorado has an elevation of 5,183 feet above sea level while New Orleans, Louisiana has an elevation of 8 feet below sea level. Find the difference in elevation between those two cities. 20. _____