Write the rational number as a decimal.

1. $\dfrac{7}{40}$ **2.** $-\dfrac{1}{9}$ **3.** $-\dfrac{21}{16}$ **4.** $\dfrac{36}{5}$

Write the decimal as a fraction or mixed number in simplest form.

5. -0.122 **6.** 0.33 **7.** -4.45 **8.** -7.09

Add or subtract. Write fractions in simplest form.

9. $-\dfrac{4}{9} + \left(-\dfrac{23}{18}\right)$ **10.** $\dfrac{17}{12} - \left(-\dfrac{1}{8}\right)$ **11.** $9.2 + (-2.8)$ **12.** $2.86 - 12.1$

Multiply or divide. Write fractions in simplest form.

13. $3\dfrac{9}{10} \times \left(-\dfrac{8}{3}\right)$ **14.** $-1\dfrac{5}{6} \div 4\dfrac{1}{6}$ **15.** $-4.4 \times (-6.02)$ **16.** $-5 \div 1.5$

Solve the equation. Check your solution.

17. $7x = -3$ **18.** $2(x + 1) = -2$ **19.** $\dfrac{2}{9}g = -8$

20. $z + 14.5 = 5.4$ **21.** $-14 = 6c$ **22.** $\dfrac{2}{7}k - \dfrac{3}{8} = -\dfrac{19}{8}$

23. MARATHON A marathon is a 26.2-mile race. You run three marathons in one year. How many miles do you run?

24. RECORD A runner is compared with the world record holder during a race. A negative number means the runner is ahead of the time of the world record holder, and a positive number means that the runner is behind the time of the world record holder. The table shows the time difference between the runner and the world record holder for each lap. What time difference does the runner need for the fourth lap to match the world record?

Lap	Time Difference
1	-1.23
2	0.45
3	0.18
4	?

25. GYMNASTICS You lose 0.3 point for stepping out of bounds during a floor routine. Your final score is 9.124. Write and solve an equation to find your score before the penalty.

26. PERIMETER The perimeter of the triangle is 45. Find the value of x.