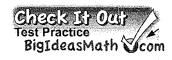
Chapter Test



Write the rational number as a decimal.

1.
$$\frac{7}{40}$$

2.
$$-\frac{1}{9}$$

3.
$$-\frac{21}{16}$$

4.
$$\frac{36}{5}$$

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

5.
$$-0.122$$

Add or subtract. Write fractions in simplest form.

9.
$$-\frac{4}{9} + \left(-\frac{23}{18}\right)$$
 10. $\frac{17}{12} - \left(-\frac{1}{8}\right)$

10.
$$\frac{17}{12} - \left(-\frac{1}{8}\right)$$

11.
$$9.2 + (-2.8)$$
 12. $2.86 - 12.1$

Multiply or divide. Write fractions in simplest form.

13.
$$3\frac{9}{10} \times \left(-\frac{8}{3}\right)$$

14.
$$-1\frac{5}{6} \div 4\frac{1}{6}$$

15.
$$-4.4 \times (-6.02)$$

16.
$$-5 \div 1.5$$

17.
$$-\frac{3}{5} \cdot \left(2\frac{2}{7}\right) \cdot \left(-3\frac{3}{4}\right)$$

18.
$$-6 \cdot (-0.05) \cdot (-0.4)$$

- 19. ALMONDS How many 2.25-pound containers can you make with 24.75 pounds of almonds?
- **20. FISH** The elevation of a fish is -27 feet.
 - a. The fish decreases its elevation by 32 feet, and then increases its elevation by 14 feet. What is its new elevation?
 - **b.** Your elevation is $\frac{2}{5}$ of the fish's new elevation. What is your elevation?
- 21. RAINFALL The table shows the rainfall (in inches) for three months compared to the yearly average. Is the total rainfall for the three-month period greater than or less than the yearly average? Explain.

November	Decembe	r January
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22. BANK ACCOUNTS Bank Account A has \$750.92, and Bank Account B has \$675.44. Account A changes by -\$216.38, and Account B changes by -\$168.49. Which account has the greater balance? Explain.