

# 2 Chapter Test

Check It Out  
Test Practice  
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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.  $-0.122$

6.  $0.33$

7.  $-4.45$

8.  $-7.09$

Add or subtract. Write fractions in simplest form.

9.  $-\frac{4}{9} + \left(-\frac{23}{18}\right)$

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

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.

- The fish decreases its elevation by 32 feet, and then increases its elevation by 14 feet. What is its new elevation?
- 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	December	January
$-0.86$	$2.56$	$-1.24$



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.