

# 3 Chapter Test



Estimate by rounding each factor to the nearest whole number.

1.  $6.3 \times 7.5$

2.  $54.2 \div 8.6$

Use compatible numbers to estimate the product or quotient.

3.  $26.32 \times 5.54$

4.  $87.84 \div 9.45$

Multiply. Use estimation to check your answer.

5. 
$$\begin{array}{r} 6.7 \\ \times 8 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 0.4 \\ \times 0.7 \\ \hline \end{array}$$

7.  $0.023 \times 3$

8.  $4.87 \times 7.23$

Divide. Check your answer by multiplying.

9.  $5.6 \div 7$

10.  $2.6 \div 0.02$

11.  $4 \overline{)9.32}$

12.  $0.25 \overline{)5.46}$

Evaluate the expression.

13.  $28.75 \div 5 \times 0.4$

14.  $8.253 \div 0.9 + 8.65$

15.  $1.25 \times 3.2 \div 0.8$

16.  $17.3 \times (7.96 \div 4)$

17. **DVD SALE** Which deal is the better buy?



18. **GRAPES** A grocery store sells grapes for \$1.99 per pound. You buy 2.34 pounds of the grapes. How much do you pay?

19. **BIRTHDAY** Your class buys a cake for your teacher's birthday. The cake costs \$34.50 and there are 25 students in your class. How much does each student pay?

20. **PHOTOGRAPHY** A motocross rider is in the air for 2.5 seconds. Your camera can take a picture every 0.125 second. Your friend's camera can take a picture every 0.15 second.

- a. How many times faster is your camera than your friend's camera?
- b. How many more pictures can you take of the rider?

