

# WS MS-3 Decimals

Find the quotient. Then check your answer.

1.  $300.3 \div 42$

2.  $12 \div 2.4$

3.  $0.156 \div 1.2$

4.  $1.89 \div 3.6$

5.  $4.064 \div 2.54$

6.  $3.4 \div 1.36$

7.  $8.91 \div 16.2$

8.  $25.3 \div 101.2$

9.  $45.072 \div 125.2$

10. Which two quotients are equal? Explain your reasoning.

A.  $3.84 \div 2.56$

B.  $384 \div 25.6$

C.  $3.84 \div 25.6$

D.  $38.4 \div 2.56$

11. Write a quotient that gives the same answer as  $4.65 \div 0.12$ .

Use compatible numbers to estimate the quotient.

12.  $122.56 \div 2.98$

13.  $1404.59 \div 73.6$

14.  $378.5 \div 61.8$

Find the quotient. Round your answer to the nearest hundredth.

15.  $0.347 \div 8$

16.  $25 \div 3.7$

17.  $11.02 \div 4.25$

18.  $9.88 \div 4.7$

19.  $12.5 \div 0.78$

20.  $61.213 \div 5.6$

Evaluate the expression when  $x = 2.5$  and  $z = 19.5$ .

21.  $43.875 \div x + z$

22.  $\frac{z}{x} - 0.23$

23.  $xz - 2.25$

24. In 1996, Michael Johnson broke the world record for the men's 200-meter run. His record-breaking time was 19.32 seconds. What was Michael Johnson's running speed? Round your answer to the nearest hundredth.

25. The local store has a sale on camera film. If a package containing 5 rolls of film costs \$8.99, what is the cost of one roll of film? Round your answer to the nearest cent.

26. You can find the population density for a region, in people per square mile, by dividing the population of the region by the region's area. The area of Long Beach, California is 50.4 square miles. In 2000, Long Beach's population was 461,522. What was the population density of Long Beach in 2000? Round your answer to the nearest tenth.