

Practice 3-2

Estimating Decimal Products and Quotients

Determine whether each product or quotient is reasonable. If it is not reasonable, find a reasonable result.

1. $62.77(29.8) = 187.0546$

2. $16.132 \div 2.96 = 54.5$

3. $(47.89)(6.193) = 296.5828$

4. $318.274 \div 4.07 = 78.2$

5. $2.65(-0.84) = -0.2226$

6. $-38.6(-1.89) = 7.2954$

7. $6,355 \div 775 = 8.2$

8. $1,444.14 \div 67.8 = 213$

9. $1.839(6.3) = 115.857$

10. $3.276 \div 0.63 = 5.2$

Estimate each product or quotient.

11. $8.73 \cdot 6.01$ _____

12. $11.042(4.56)$ _____

13. $197.4 \cdot 2.85$ _____

14. $675.1 \cdot 0.051$ _____

15. $479.2(3.2)$ _____

16. $712.9 \cdot 0.41$ _____

17. $11.57 \div 3.09$ _____

18. $43.68 \div 8.7$ _____

19. $29.5 \div 5.1$ _____

20. $\$41.09 \div \6.88 _____

21. $148.8 \div 9.8$ _____

22. $\$76.77 \div \24.19 _____

23. Apples cost \$.89 per lb. Estimate the cost of three 5-lb bags. _____

24. You buy 3 dinners that are \$6.85 each. Before tax and tip, the total is \$25.42. Is this total correct? Explain.

25. You worked 18 hours last week and received \$92.70 in your paycheck. Estimate your hourly pay.
