

# Estimate Products of Whole Numbers and Decimals



Estimate by rounding.

1.  $3.4 \times 10$  \_\_\_\_\_      2.  $59 \times 32$  \_\_\_\_\_      3.  $446 \times 682$  \_\_\_\_\_  
 4.  $816 \times 1.04$  \_\_\_\_\_      5.  $4.27 \times 82$  \_\_\_\_\_      6.  $83 \times 303$  \_\_\_\_\_  
 7.  $21 \times 663$  \_\_\_\_\_      8.  $98 \times 32$  \_\_\_\_\_      9.  $91 \times 3.2$  \_\_\_\_\_  
 10.  $3.34 \times 847$  \_\_\_\_\_      11.  $9.29 \times 0.8$  \_\_\_\_\_      12.  $43 \times 58$  \_\_\_\_\_  
 13.  $8.9 \times 4.5$  \_\_\_\_\_      14.  $13.1 \times 0.6$  \_\_\_\_\_      15.  $87.2 \times 65.8$  \_\_\_\_\_  
 16.  $186 \times 92$  \_\_\_\_\_      17.  $342 \times 86$  \_\_\_\_\_      18.  $396 \times 23$  \_\_\_\_\_  
 19.  $631 \times 465$  \_\_\_\_\_      20.  $0.863 \times 89.24$  \_\_\_\_\_      21.  $605 \times 7.235$  \_\_\_\_\_

22. 
$$\begin{array}{r} 85.47 \\ \times 83.6 \\ \hline \end{array}$$
      23. 
$$\begin{array}{r} 603 \\ \times 29 \\ \hline \end{array}$$
      24. 
$$\begin{array}{r} 408 \\ \times 46 \\ \hline \end{array}$$
      25. 
$$\begin{array}{r} 3,045 \\ \times 38 \\ \hline \end{array}$$
      26. 
$$\begin{array}{r} 6.34 \\ \times 6 \\ \hline \end{array}$$
  
 27. 
$$\begin{array}{r} 0.8 \\ \times 5.2 \\ \hline \end{array}$$
      28. 
$$\begin{array}{r} 27.43 \\ \times 8 \\ \hline \end{array}$$
      29. 
$$\begin{array}{r} 8.5 \\ \times 38 \\ \hline \end{array}$$
      30. 
$$\begin{array}{r} 5.13 \\ \times 24 \\ \hline \end{array}$$
      31. 
$$\begin{array}{r} 3,498 \\ \times 5.7 \\ \hline \end{array}$$

Estimate by clustering.

32.  $236 + 186 + 209$  \_\_\_\_\_      33.  $42.8 + 36.9 + 41.9$  \_\_\_\_\_  
 34.  $5,497 + 4,623 + 4,802$  \_\_\_\_\_      35.  $9.07 + 8.7 + 9.45$  \_\_\_\_\_  
 36.  $739 + 662 + 720$  \_\_\_\_\_      37.  $11.4 + 9.68 + 10.5$  \_\_\_\_\_

## Problem Solving

38. Mia bought 2.5 lb of sliced turkey to make sandwiches for a picnic. The turkey cost \$5.89 per pound. About how much did Mia pay for the turkey?
- \_\_\_\_\_

39. Mia also bought a package of sliced cheese that weighed 2.38 lb. The cheese cost \$4.25 per pound. About how much did Mia pay for the cheese?
- \_\_\_\_\_