

Name

Independent Practice

Estimate. Then multiply. Use your estimate to check your answer.

2.
$$\begin{array}{r} 102 \\ \times 12 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 102 \\ \times 56 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 24 \\ \times 21 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 39 \\ \times 34 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 13 \\ \times 54 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 51 \\ \times 82 \\ \hline \end{array}$$

8. $21 \times 42 = \underline{\hspace{2cm}}$

9. $69 \times 14 = \underline{\hspace{2cm}}$

10. $83 \times 367 = \underline{\hspace{2cm}}$

11. $534 \times 67 = \underline{\hspace{2cm}}$


12. $141 \times 25 = \underline{\hspace{2cm}}$

13. $229 \times 31 = \underline{\hspace{2cm}}$




Problem Solving

14. Marshall's mother buys 2 boxes of granola bars each week. Each box contains 8 granola bars. If she continues buying 2 boxes each week, how many granola bars will she buy in a year (1 year = 52 weeks)?
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15. **Mathematical PRACTICE**  **Use Math Tools** A delivery truck travels 278 miles each day. How far does it travel in 25 days?
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16. A cow can eat 25 pounds of hay a day. At that rate, how many pounds of hay can a cow eat in 31 days?
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HOT Problems

17. **Mathematical PRACTICE**  **Use Number Sense** Find 235×124 . Use the same strategy that you used for multiplying by a two-digit number except include multiplying by the hundreds place.
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18.  **Building on the Essential Question** How do you multiply by two-digit numbers?
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My Work!

