

Regroup in Multiplication

Name _____

Date _____

Multiply: 5×135

First estimate: $5 \times 100 = 500$

Multiply the ones.
Regroup.

$$\begin{array}{r} \overset{2}{1}35 \\ \times \quad 5 \\ \hline 5 \end{array}$$

Multiply the tens.
Add. Regroup again.

$$\begin{array}{r} \overset{1}{1}\overset{2}{3}5 \\ \times \quad 5 \\ \hline 75 \end{array}$$

Multiply the hundreds.
Add.

$$\begin{array}{r} \overset{1}{1}\overset{2}{3}5 \\ \times \quad 5 \\ \hline 675 \end{array}$$

Use rounding to estimate the product. Then multiply.

1. $\begin{array}{r} 238 \\ \times 3 \\ \hline \end{array}$

2. $\begin{array}{r} 153 \\ \times 4 \\ \hline \end{array}$

3. $\begin{array}{r} 275 \\ \times 3 \\ \hline \end{array}$

4. $\begin{array}{r} 167 \\ \times 5 \\ \hline \end{array}$

5. $\begin{array}{r} 389 \\ \times 2 \\ \hline \end{array}$

6. $\begin{array}{r} 195 \\ \times 5 \\ \hline \end{array}$

7. $\begin{array}{r} 169 \\ \times 4 \\ \hline \end{array}$

8. $\begin{array}{r} 157 \\ \times 6 \\ \hline \end{array}$

9. $\begin{array}{r} 248 \\ \times 3 \\ \hline \end{array}$

10. $\begin{array}{r} 134 \\ \times 7 \\ \hline \end{array}$

11. $\begin{array}{r} 258 \\ \times 3 \\ \hline \end{array}$

12. $\begin{array}{r} 248 \\ \times 4 \\ \hline \end{array}$

13. $\begin{array}{r} 146 \\ \times 6 \\ \hline \end{array}$

14. $\begin{array}{r} 128 \\ \times 7 \\ \hline \end{array}$

15. $\begin{array}{r} 163 \\ \times 5 \\ \hline \end{array}$

Find the product.

16. $\begin{array}{r} 2273 \\ \times 3 \\ \hline \end{array}$

17. $\begin{array}{r} 3342 \\ \times 2 \\ \hline \end{array}$

18. $\begin{array}{r} 2128 \\ \times 4 \\ \hline \end{array}$

19. $\begin{array}{r} 3193 \\ \times 3 \\ \hline \end{array}$

20. $\begin{array}{r} 2318 \\ \times 2 \\ \hline \end{array}$

21. $\begin{array}{r} 1161 \\ \times 5 \\ \hline \end{array}$

22. $\begin{array}{r} 2163 \\ \times 4 \\ \hline \end{array}$

23. $\begin{array}{r} 3217 \\ \times 3 \\ \hline \end{array}$

24. $\begin{array}{r} 1191 \\ \times 6 \\ \hline \end{array}$

25. $\begin{array}{r} 1102 \\ \times 7 \\ \hline \end{array}$

Problem Solving

26. Marcel goes to a college that is 258 miles from home. When he drives home for a weekend and then returns, how many miles does he drive?
- _____