10/2 4/4 Math Goal:
- to learn short cut way of multiplying.
- choose the best method for you.
(• place value rows or shortcut)

Short-Cut
43 × 67

① ^{2}67
 × 4③
___
201

(67
 × 3
 ___
 201)

② ^{2}67
 × ④③
___
 201
+2680
_____
 ⟨2,881⟩

(^{2}67
 ×40
 ____
 2680)

or   Place Value

	60	7
40	2400	280
3	180	21

^{1}2400
 280
 180
  21
____
2,881

PATH to FLUENCY Practice Multiplying Multidigit Numbers

Solve. Use any method.

12. $\begin{array}{r} 42 \\ \times\ 5 \\ \hline \end{array}$ 13. $\begin{array}{r} 37 \\ \times\ 9 \\ \hline \end{array}$ 14. $\begin{array}{r} 742 \\ \times\ 4 \\ \hline \end{array}$ 15. $\begin{array}{r} 5,553 \\ \times\ 2 \\ \hline \end{array}$

24. $\begin{array}{r} 27 \\ \times\ 29 \\ \hline \end{array}$ 25. $\begin{array}{r} 71 \\ \times\ 43 \\ \hline \end{array}$ 26. $\begin{array}{r} 63 \\ \times\ 85 \\ \hline \end{array}$ 27. $\begin{array}{r} 38 \\ \times\ 50 \\ \hline \end{array}$

28. $\begin{array}{r} 83 \\ \times\ 83 \\ \hline \end{array}$ 29. $\begin{array}{r} 17 \\ \times\ 71 \\ \hline \end{array}$ 30. $\begin{array}{r} 44 \\ \times\ 55 \\ \hline \end{array}$ 31. $\begin{array}{r} 75 \\ \times\ 16 \\ \hline \end{array}$

► Solve Real World Problems

32. Max rode his bike 44 miles every week for 28 weeks.
How many miles did he ride altogether?

Name _____ Date _____

Solve. Use any method.

1. 78
    × 26

2. 93
    × 42

3. 39
    × 84

4. 56
    × 71

The table shows how many newspapers are delivered each week by three paper carriers. **Use the table to answer the questions. Use 1 year = 52 weeks.**

Papers Delivered Each Week

Jameel	93
Clare	97
Mason	98

Show your work.

5. How many papers does Jameel deliver in a year?

_____

6. How many papers does Clare deliver in a year?

_____

7. How could you find how many papers Mason delivers in a year without doing any multiplication? What is the answer?

_____

_____

_____

Solve.

8. Ray needs to know the area of his floor so he can buy the right amount of carpet. The floor is 21 feet by 17 feet. What is the area of the floor?

_____

9. Maria is buying flowers. Each tray of flowers costs $24. If she buys 15 trays, what will the total cost be?

_____