Name _____ Date _____

Lesson 8   Reteach

Estimate Products

┌─**EXAMPLE**───┐

To estimate a product, round each number. Then use a basic fact and a
multiplication pattern to multiply mentally.

	Estimate 27 × 643.	Estimate 54 × 761.

Round each number
to its greatest place.   27   ×   643   54   ×   761
                            ↓   ↓   ↓   ↓

Write the basic fact.   **30**   ×   **600**   = **18,000**   **50**   ×   **800**   = **40,000**
Then, write the same   ↑   ↑   ↑   ↑   ↑   ↑
number of zeros in   1 zero + 2 zeros = 3 zeros   1 zero + 2 zeros = 3 zeros
the product as are in
both factors.

└───┘

Estimate by rounding. Show your work.

1.   54   ×   68   **2.**   61   ×   239
           ↓   ↓   ↓   ↓

       _____ × _____ = _____   _____ × _____ = _____

3.   697   ×   43   **4.** 364   ×   28
           ↓   ↓   ↓   ↓

       _____ × _____ = _____   _____ × _____ = _____

5. 8 × 674   **6.** 9 × 458

_____   _____

7. 43 × 104   **8.** 19 × 74

_____   _____

9. 84 × 13   **10.** 21 × 663

_____   _____

11. 38 × 573   **12.** 18 × 264

_____   _____