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. Then, write the same number of zeros in the product as are in both factors.	**3**0 × **6**00 = **18**,000 ↑ ↑ ↑ 1 zero + 2 zeros = 3 zeros	**5**0 × **8**00 = **40**,000 ↑ ↑ ↑ 1 zero + 2 zeros = 3 zeros

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

_____