

Name _____

Multiply with Regrouping**COMMON CORE STANDARD** CC.4.NBT.5

Use place value understanding and properties of operations to perform multi-digit arithmetic.

Estimate. Then find the product.1. Estimate: 2,700

$$\begin{array}{r}
 2 \\
 1 \\
 87 \\
 \times 32 \\
 \hline
 174 \\
 + 2,610 \\
 \hline
 2,784
 \end{array}$$

Think: 87 is close to 90 and 32 is close to 30.

$$90 \times 30 = 2,700$$

2. Estimate: _____

$$\begin{array}{r}
 73 \\
 \times 28 \\
 \hline
 \end{array}$$

3. Estimate: _____

$$\begin{array}{r}
 48 \\
 \times 38 \\
 \hline
 \end{array}$$

4. Estimate: _____

$$\begin{array}{r}
 59 \\
 \times 52 \\
 \hline
 \end{array}$$

5. Estimate: _____

$$\begin{array}{r}
 84 \\
 \times 40 \\
 \hline
 \end{array}$$

6. Estimate: _____

$$\begin{array}{r}
 83 \\
 \times 77 \\
 \hline
 \end{array}$$

7. Estimate: _____

$$\begin{array}{r}
 91 \\
 \times 19 \\
 \hline
 \end{array}$$

Problem Solving 

8. Baseballs come in cartons of 84 baseballs. A team orders 18 cartons of baseballs. How many baseballs does the team order?

9. There are 16 tables in the school lunch room. Each table can seat 22 students. How many students can be seated at lunch at one time?
