Estimate each product. Solve to check your estimate.

1. 4 × 26

_____

_____

2. 5 × 63

_____

_____

3. 7 × 95

_____

_____

4. 4 × 84

_____

_____

5. 2 × 92

_____

_____

6. 3 × 76

_____

_____

Estimate the answers. Then solve each problem.

Show your work.

7. The Bicycling Club is participating in a cycling event.
There are 65 teams registered for the event.
Each team has a total of 8 cyclists. How many cyclists
will participate in the event?

_____

8. The theater group is making costumes for their play.
There are 9 costume changes for each of the 23 performers.
How many costumes does the theater group need?

_____

9. The town library shows 6 different books each day in the
display case. The library is open 27 days in one month.
How many books does the library need for the display?

_____

Write and solve a multiplication word problem.

10. _____

_____

_____

_____

Remembering

Estimate each sum. Then solve to check your estimate.

1. 288 + 609 _____

Solve.

Show your work.

2. During one weekend, a museum had 7,850 visitors on Saturday and 5,759 visitors on Sunday.

About how many visitors were there that weekend?

_____

Exactly how many visitors were there that weekend?

_____

Draw a rectangle model. Find the tens product, the ones product, and the total product.

3. 7 × 42

4. 5 × 67

5. Stretch Your Thinking Marcia says she can use *rounding* to find the *exact* product of 6 × 75. She says that since 75 is halfway between 7 tens and 8 tens, the exact product of 6 × 75 must be halfway between 6 × 70 and 6 × 80. Is she correct? Explain.

_____

_____

_____

_____

_____

Estimate Products