

Homework

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.

