Homework

Use an equation to solve.   *Show your work.*

1. The soccer club has 127 members. The baseball club has 97 members. Both clubs will meet to discuss a fundraiser. The members will be seated at tables of 8 members each. How many tables will they use?

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2. A hardware store pays $3,500 for 42 lawnmowers. Then the store sells the lawnmowers for $99 each. How much profit does the store make from the lawnmower sales?

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3. George buys a set of 224 stamps. He gives 44 stamps to a friend. Then he places the remaining stamps into an album with 5 stamps on each page. How many pages does he fill in his album?

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4. Shane and his family go to the movie theater and buy 6 tickets for $12 each. Then they spend a total of $31 for popcorn and drinks. How much did Shane and his family spend for tickets, popcorn and drinks at the movie theater?

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5. Last year, 226 people attended the school graduation ceremony. This year, the school expects 125 more people than last year. The school has arranged for a van to transport people from the parking area to the ceremony. Each van holds 9 people. How many trips will the van make?
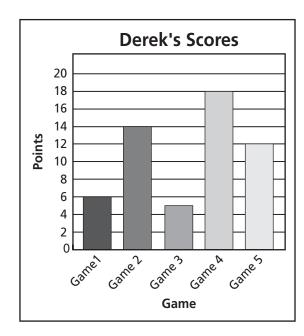
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Remembering

Solve each multiplication problem, using any method.
Use rounding and estimation to check your work.

1. 22×58 **2.** 34×91 **3.** 63×72 **4.** 17×56

_____   _____   _____   _____

Solve by using any method. Then check your answer by
rounding and estimating.

5. $9\overline{)39}$ **6.** $4\overline{)168}$ **7.** $5\overline{)4{,}204}$

The graph shows the number of points Derek scored
during his first five basketball games.

8. Write a multiplication equation and
a division equation that compare the
number of points Derek scored during
Game 1 (x) to the number of points
Derek scored during Game 4 (y).

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9. Stretch Your Thinking There will be
138 people at a fundraising auction.
Each table seats six. An additional
3 tables are needed to display the
auction items. What is the minimum
number of tables that are needed for
the fundraiser? Which equation *cannot*
be used to answer this question? Explain.

$$138 \div (6 + 3) = t \qquad (138 \div 6) + 3 = t$$

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Derek's Scores