Homework

Round to the nearesth tenth.

1. 0.38 _____   2. 0.94 _____   3. 0.621 _____   4. 0.087 _____

Round to the nearest hundredth.

5. 0.285 _____   6. 0.116 _____   7. 0.709 _____   8. 0.563 _____

Write an estimated answer for each problem.
Then find and write each exact answer.

Estimated Answer	Exact Answer

9. $38 \times 92 \approx$ _____ $\times$ _____ $\approx$ _____ $38 \times 92 =$ _____

10. $8.1 \times 4.2 \approx$ _____ $\times$ _____ $\approx$ _____ $8.1 \times 4.2 =$ _____

11. $7.65 \times 0.9 \approx$ _____ $\times$ _____ $\approx$ _____ $7.65 \times 0.9 =$ _____

12. $3.8 \times 6.02 \approx$ _____ $\times$ _____ $\approx$ _____ $3.8 \times 6.02 =$ _____

13. $1.02 \times 0.9 \approx$ _____ $\times$ _____ $\approx$ _____ $1.02 \times 0.9 =$ _____

Solve.   *Show your work.*

14. A factory makes 394 motorcycles each week. If there
    are 52 weeks in a year, how many motorcycles will the
    factory make in a year?

    Estimate: _____

    Exact answer: _____

15. CDs are $15.25 each. How much will it cost to buy 3?

    Estimate: _____

    Exact answer: _____

Remembering

Round to the nearest whole number.

1. 5.159 _____   2. 12.7 _____   3. 4.872 _____

Round to the nearest tenth.

4. 45.461 _____   5. 3.12 _____   6. 77.039 _____

Write an equation. Then solve.   *Show your work.*

7. A rectangle has an area of 48 square feet and a length of 10 feet. What is its width?

_____

8. A length of string that is 22 feet long is being cut into pieces that are $\frac{1}{3}$ foot long. How many pieces will there be?

_____

Solve.

9. $\begin{array}{r} 100 \\ \times\ 3.7 \\ \hline \end{array}$ 10. $\begin{array}{r} 5.6 \\ \times\ 0.4 \\ \hline \end{array}$ 11. $\begin{array}{r} 0.14 \\ \times\ 60 \\ \hline \end{array}$

12. $\begin{array}{r} 7.1 \\ \times\ 2.9 \\ \hline \end{array}$ 13. $\begin{array}{r} 6.8 \\ \times\ 0.5 \\ \hline \end{array}$ 14. $\begin{array}{r} 5.8 \\ \times\ 1.2 \\ \hline \end{array}$

15. **Stretch Your Thinking** Taylor estimated the music department would raise $1,100 for new uniforms by selling tickets to a performance next week. Each ticket will be $12.75. About how many tickets does the music department need to sell for Taylor's estimate to be reasonable?

_____

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