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: _____

Name _____ **Date** _____

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.   100
    × 3.7
_____

10.   5.6
    × 0.4
_____

11.   0.14
    × 60
_____

12.   7.1
    × 2.9
_____

13.   6.8
    × 0.5
_____

14.   5.8
    × 1.2
_____

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?

_____

_____