**Study the following.**

To multiply decimals:

Step 1:     Write the numbers one above the other
            lining up the right most digits.  It doesn't
            matter where the decimal points are.

Step 2:     Multiply the same as with whole numbers.

```
      1.2 3
   ×   1.4
      4 9 2
    1 2 3
    1 7 2 2
```

Step 3.     Count the total number of places the decimals
            Are from the right of both numbers.

$$1.23 \qquad \text{Two places}$$

$$1.4 \qquad \text{plus \underline{One place}}$$

$$\text{equals \underline{Three total places}}$$

Step 4.     Count this many places from the right of the
            Answer and mark the decimal point there.

$$1.722$$

Example 2:

```
        3.2 4 1      Three places
    ×     5.1 2      Plus two places
        6 4 8 2
      3 2 4 1 0
    1 6 2 0 5 0 0
    1 6.5 9 3 9 2    Equals 5 places
```

## Multiply the following.

1. $3.2 \times 7.1$

2. $.23 \times .43$

3. $4.3 \times .12$

4. $.62 \times 1.3$

5. $1.24 \times .62$

6. $41.3 \times .015$

7. $30.2 \times .33$