Prealgebra Review HW #6: Decimals & Fractions

Write the decimal as a fraction. Do not write in lowest terms.

   1) 4.78

   2) 0.9

   3) 0.1

Add or subtract as indicated without using a calculator. Make sure that your answer is reasonable by estimating first.

   4) 5 + 4.32 + 0.254

   5) 10.4 - 6.79

Multiply or divide as indicated without using a calculator. Make sure that your answer is reasonable by estimating first.

   6) 2.9 × 1.5

   7) 49.1 ÷ 9.37

Change the fraction to a decimal. Round as indicated.

   8) $\dfrac{7}{9}$ two decimal places

   9) $\dfrac{38}{43}$ thousandths

Write the fraction as a decimal using the bar notation.

   10) $\dfrac{7}{9}$

   11) $\dfrac{41}{99}$

Solve.

   12) An organization surveys its members and finds that $\dfrac{19}{87}$ of them don't like broccoli. Write this fraction as a decimal. Round to the nearest thousandth, if necessary.

1) $\dfrac{478}{100}$

2) $\dfrac{9}{10}$

3) $\dfrac{1}{10}$

4) 9.574
5) 3.61
6) 4.35
7) 5.24
8) 0.78
9) 0.884
10) $0.\overline{7}$
11) $0.\overline{41}$
12) 0.218