

**Instructions:** Show all work. Give exact answers (improper fractions) and do not round unless specifically asked to do so. If you work the problem in your calculator you can write keystrokes to show work for partial credit.

1. Write the decimal expression 20.375 in words.

*twenty and three hundred seventy-five thousandths*

2. Write *twenty-nine thousandths* as a decimal.

0.029

3. Perform the following operations.

a.  $94.69 - (-12.678) = 94.69 + 12.678 = 107.368$

b.  $(-5.18)(-65.23) = 337.8914$

c.  $16.99 \div 9$

$$\begin{array}{r} 1.88\bar{7} \\ 9 \overline{) 16.99} \\ \underline{9} \phantom{9} \\ 7.9 \phantom{9} \\ \underline{72} \phantom{9} \\ 79 \phantom{9} \\ \underline{72} \phantom{9} \\ 70 \phantom{9} \end{array}$$

4. In the following exercises, use a calculator to approximate each square root and round to two decimal places.

a.  $\sqrt{19}$       4.3588...       $\rightarrow$  4.36

b.  $\sqrt{21}$       4.5825...       $\rightarrow$  4.58