Notice that the rounded number 3.010 ends in zero. You learned on page 66 that the zero to the right of 1 is unnecessary. However, the instruction in the example was to round the number to the nearest thousandth. The number 3.010 expresses thousandths.

Round each decimal to the nearest place value given.

1. tenth 4.29 0.638 516.24 27.053

2. hundredth 0.582 12.487 0.0946 2.095

3. thousandth 23.4861 0.0537 5.4068 0.00349

4. whole number (units or ones) 17.26 1.89 356.541 199.8

5. dollar (units or ones) $14.39 $9.78 $1.66 $347.09

6. dime (tenth) $2.79 $63.52 $0.98 $5.34

7. penny (hundredth) $0.987 $4.675 $23.954 $1.085

Round 49.07583 to the nearest place value given.

8. tenth hundredth thousandth ten-thousandth unit

Use a calculator to write each fraction as a decimal. Then round the calculator answer to the nearest *hundredth*.

9. $\frac{5}{8}$ = $\frac{2}{3}$ = $\frac{3}{7}$ = $\frac{7}{9}$ =

Use a calculator to write each fraction as a decimal. Then round the calculator answer to the nearest *thousandth*.

10. $\frac{1}{12}$ = $\frac{5}{6}$ = $\frac{3}{16}$ = $\frac{2}{15}$ =