

Rounding off with 9's in number... if a nine is being rounded up, place a 0 in the place and carry the 1 over to the next number. (similar to carrying when adding numbers)

Round 23.9989 to the indicated place value Try this... round 59.9999 to the indicated place value

- thousandths.....23.999
  - hundredths..... 24.00
  - tenths.....24.0
  - units..... 24
  - tens.....20
- thousandths..... 59.990
  - hundredths..... 59.99
  - tenths..... 60.0
  - units..... 60
  - tens..... 60

Round the following numbers off to the indicated place value.

	5847.738496	6790.846394	9999.90000	8040.049637
thousandths	5847.738	6790.846	9999.900	8040.050
hundredths	5848	6800	10000	8000
units	5848	6791	10000	8040
hundred-thousandths	5847.73850	6790.84639	9999.90000	8040.04964
tens	5850	6790	10,000	8040
thousands	6000	7000	10,000	8000
hundredths	5847.74	6790.85	9999.90	8040.05
tenths	5847.7	6790.8	9999.9	8040.0
ten-thousandths	5847.7385	6790.8464	9999.9000	8040.0496

Change the following decimals to mixed numbers

or fractions. Do not reduce for this exercise.

1. .00426  $\frac{426}{100,000}$
  2. .00005  $\frac{5}{100,000}$
  3. .00574  $\frac{574}{100,000}$
  4. .38  $\frac{38}{100}$
  5. .000000  $\frac{0}{100,000}$
  6. 10.76  $10 \frac{76}{100}$
  7. 100.08501  $100 \frac{8501}{100,000}$
  8. 2  $\frac{2}{10}$
- \*Hint... a fraction can not occupy its own decimal place