

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. 2.00574 $2 \frac{574}{100,000}$
 7. .3000 $\frac{3000}{10,000}$
 8. 100.08501 $100 \frac{8501}{100,000}$
2. 2 $\frac{7}{10}$
- *10. $10 \frac{46}{3} = 100$
 $\frac{140}{3} = \frac{1}{30} = \frac{7}{15}$
- (Hint... a fraction can not occupy its own decimal place)