**Standard Form.**

**1.** Copy and complete the following by finding the value of *x* :

a) 100 =  b) 10,000 =  c) 1,000 = 

d) 100,000 =  e) 1,000,000 =  f) 10 = 

g) 0.1 =  h) 0.01 =  i) 0.0001 = 

j) 0.000001 =  k) 0.001 =  l) 1 = 

**2.** Copy and complete the following:

a) 2000 = 2 × \_\_\_\_ = 2 x  b) 400 = 4 × \_\_\_\_ = 4 x 

c) 6,000,000 = 6 × \_\_\_\_ = 6 x  d) 20 = 2 × \_\_\_\_ = 2 x 

e) 0.3 = 3 × \_\_\_\_ = 3 x  f) 0.008 = 8 × \_\_\_\_ = 8 x 

g) 2500 = 2.5 × \_\_\_\_ = 2.5 x  h) 43,000= 4.3 × \_\_\_\_ = 4.3 x 

i) 930 = 9.3 × \_\_\_\_ = 9.3 x  j) 0.045 = 4.5 × \_\_\_\_ = 4.5 x 

k) 0.32 = 3.2 × \_\_\_\_ = 3.2 x  l) 20,500 = 2.05 × \_\_\_\_ = 2.05 x 

m) 0.000067 = 6.7 × \_\_\_\_ = 6.7 x  n) 0.00000092 = 9.2 × \_\_\_\_ = 9.2 x 

a) 67,800 = 6.78 × \_\_\_\_ = 6.78 x  a) 0.000543 = 5.43 × \_\_\_\_ = 5.34 x 

**3.** Copy these notes into your book:

 A number is in **standard form** if it written like:

**a × 10x**

**a is between 1 and 10 and x is a whole number**