

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Convert each number from scientific notation to real.**

(1)  $1.325 \times 10^{-6}$

(6)  $9.166 \times 10^{-2}$

(2)  $2.931 \times 10^{-3}$

(7)  $8.239 \times 10^2$

(3)  $4.224 \times 10^{-3}$

(8)  $4.498 \times 10^3$

(4)  $5.854 \times 10^{-1}$

(9)  $4.866 \times 10^5$

(5)  $3.543 \times 10^{-4}$

(10)  $3.399 \times 10^4$

**Convert each number from real to scientific notation.**

(11) 0.003162

(16) 0.005137

(12) 0.007638

(17) 0.0009567

(13) 0.002914

(18) 0.002488

(14) 1,482,000

(19) 0.7476

(15) 0.0001996

(20) 0.0009937



Convert each number from scientific notation to real.

(1)  $1.325 \times 10^{-6}$   
 $0.000001325$

(6)  $9.166 \times 10^{-2}$   
 $0.09166$

(2)  $2.931 \times 10^{-3}$   
 $0.002931$

(7)  $8.239 \times 10^2$   
 $823.9$

(3)  $4.224 \times 10^{-3}$   
 $0.004224$

(8)  $4.498 \times 10^3$   
 $4,498$

(4)  $5.854 \times 10^{-1}$   
 $0.5854$

(9)  $4.866 \times 10^5$   
 $486,600$

(5)  $3.543 \times 10^{-4}$   
 $0.0003543$

(10)  $3.399 \times 10^4$   
 $33,990$



Convert each number from real to scientific notation.

(11) 0.003162  
 $3.162 \times 10^{-3}$

(16) 0.005137  
 $5.137 \times 10^{-3}$

(12) 0.007638  
 $7.638 \times 10^{-3}$

(17) 0.0009567  
 $9.567 \times 10^{-4}$

(13) 0.002914  
 $2.914 \times 10^{-3}$

(18) 0.002488  
 $2.488 \times 10^{-3}$

(14) 1,482,000  
 $1.482 \times 10^6$

(19) 0.7476  
 $7.476 \times 10^{-1}$

(15) 0.0001996  
 $1.996 \times 10^{-4}$

(20) 0.0009937  
 $9.937 \times 10^{-4}$