

Scientific Notation

Name: _____ Date: _____

Convert each of the numbers from scientific notation to real.

(1) 1.7513×10^{-4}

(2) 3.31×10^{-4}

(3) 1.8247×10^{-5}

(4) 1.5698×10^{-3}

(5) 2.12×10^{-3}

(6) 1.752×10^4

(7) 6.81×10^2

(8) 5.162×10^6

(9) 4.841×10^{-4}

(10) 1.1724×10^{-2}

(11) 1.2888×10^4

(12) 9.41×10^{-2}

(13) 1.2262×10^1

(14) 8.73×10^5

(15) 8.446×10^{-5}

(16) 8.044×10^2

Convert each of the numbers from real to scientific notation.

(17) 24.76

(18) 0.001326

(19) 18.544

(20) 0.0000013198

(21) 0.0002266

(22) 0.00009761

(23) 525.8

(24) 0.0000426

(25) 0.011169

(26) 0.000014804

(27) 32,870

(28) 1,862

(29) 0.0000012757

(30) 58,750

Scientific Notation

ANSWER KEY

Convert each of the numbers from scientific notation to real.

(1) 1.7513×10^{-4}	<u>0.00017513</u>	(9) 4.841×10^{-4}	<u>0.0004841</u>
(2) 3.31×10^{-4}	<u>0.000331</u>	(10) 1.1724×10^{-2}	<u>0.011724</u>
(3) 1.8247×10^{-5}	<u>0.000018247</u>	(11) 1.2888×10^4	<u>12,888</u>
(4) 1.5698×10^{-3}	<u>0.0015698</u>	(12) 9.41×10^{-2}	<u>0.0941</u>
(5) 2.12×10^{-3}	<u>0.00212</u>	(13) 1.2262×10^1	<u>12.262</u>
(6) 1.752×10^4	<u>17,520</u>	(14) 8.73×10^5	<u>873,000</u>
(7) 6.81×10^2	<u>681</u>	(15) 8.446×10^{-5}	<u>0.00008446</u>
(8) 5.162×10^6	<u>5,162,000</u>	(16) 8.044×10^2	<u>804.4</u>

Convert each of the numbers from real to scientific notation.

(17) 24.76	<u>2.476×10^1</u>	(24) 0.0000426	<u>4.26×10^{-5}</u>
(18) 0.001326	<u>1.326×10^{-3}</u>	(25) 0.011169	<u>1.1169×10^{-2}</u>
(19) 18.544	<u>1.8544×10^1</u>	(26) 0.000014804	<u>1.4804×10^{-5}</u>
(20) 0.0000013198	<u>1.3198×10^{-6}</u>	(27) 32,870	<u>3.287×10^4</u>
(21) 0.0002266	<u>2.266×10^{-4}</u>	(28) 1,862	<u>1.862×10^3</u>
(22) 0.00009761	<u>9.761×10^{-5}</u>	(29) 0.0000012757	<u>1.2757×10^{-6}</u>
(23) 525.8	<u>5.258×10^2</u>	(30) 58,750	<u>5.875×10^4</u>