

Convert each number into scientific notation .

1456

100

123.0

100.00

1.285

0.012

0.00043

0.0034500

0.001000

100000

100100

100001

Convert each number from scientific notation to a decimal number.

$$1.235 \times 10^2$$

$$2.5 \times 10^{-4}$$

$$4 \times 10^{-1}$$

$$2.00 \times 10^{-2}$$

$$5.20 \times 10^2$$

$$1.05 \times 10^5$$

$$3.00 \times 10^4$$

$$1.00300 \times 10^{-1}$$

$$1.5 \times 10^0$$

$$1.200 \times 10^0$$

$$1 \times 10^2$$

Convert each number into scientific notation .

$$1456 = 1.456 \times 10^3$$

$$100 = 1 \times 10^2$$

$$123.0 = 1.230 \times 10^2$$

$$100.00 = 1.0000 \times 10^2$$

$$1.285 = 1.285 \times 10^0$$

$$0.012 = 1.2 \times 10^{-2}$$

$$0.00043 = 4.3 \times 10^{-4}$$

$$0.0034500 = 3.4500 \times 10^{-3}$$

$$0.001000 = 1.000 \times 10^{-3}$$

$$100000 = 1. \times 10^5$$

$$100100 = 1.001 \times 10^5$$

$$100001 = 1.00001 \times 10^5$$

Convert each number from scientific notation to a decimal number.

$$1.235 \times 10^2 = 123.5$$

$$2.5 \times 10^{-4} = 0.00025$$

$$4 \times 10^{-1} = 0.4$$

$$2.00 \times 10^{-2} = 0.0200$$

$$5.20 \times 10^2 = 520.$$

$$1.05 \times 10^5 = 105000$$

$$3.00 \times 10^4 = 30000$$

$$1.00300 \times 10^{-1} = 0.100300$$

$$1.5 \times 10^0 = 1.5$$

$$1.200 \times 10^0 = 1.200$$

$$1 \times 10^2 = 100$$