

# Scientific Notation 1

⚠ This is a preview of the published version of the quiz

Started: Aug 19 at 9:41am

## Quiz Instructions

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### Question 1

1 pts

Convert to scientific notation.

175

- $1.75 \times 10^{-2}$
- $17.5 \times 10^2$
- $17.5 \times 10^1$
- $1.75 \times 10^2$

### Question 2

1 pts

Convert to scientific notation.

0.95

- $9.5 \times 10^{-1}$
- $9.5 \times 10^1$

$9.5 \times 10^{-2}$

$95 \times 10^{-1}$

**Question 3****1 pts**

Convert to standard form.

$1.2 \times 10^4$

12000

120000

0.000012

0.00012

**Question 4****1 pts**

Convert to standard form.

$7.32 \times 10^{-9}$

0.000000000732

732000000000

73200000000

0.00000000732

**Question 5****4 pts**

Determine whether the number in standard form is accurately converted to scientific notation.

a.  $0.000000786 \rightarrow 7.86 \times 10^{-7}$

b.  $0.00036 \rightarrow 3.6 \times 10^4$

c.  $3940 \rightarrow 3.94 \times 10^3$

d.  $4.7 \rightarrow 4.7 \times 10^0$

### Question 6

4 pts

Determine whether the number in scientific notation is accurately converted to standard form.

a.  $6.17 \times 10^3 \rightarrow 0.00617$

b.  $7 \times 10^4 \rightarrow 70000$

c.  $6.17 \times 10^3 \rightarrow 0.00617$

d.  $5.4 \times 10^{-8} \rightarrow 0.0000000054$

### Question 7

4 pts

Determine whether each number is in scientific notation.

a.  $0.2 \times 10^6$  [ Select ] ▼

b.  $15.4 \times 10^{-5}$  [ Select ] ▼

c.  $1 \times 10^2$  [ Select ] ▼

d.  $6.7 \times 100$  [ Select ] ▼

### Question 8

1 pts

Put into scientific notation.

$88 \times 10^5$

Its already in scientific notation

$8.8 \times 10^6$

8800000

$8.8 \times 10^4$

Not saved

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