



# SCIENTIFIC NOTATION

Name \_\_\_\_\_

Score \_\_\_\_\_

SN:34

Express in scientific notation (Values given are approximate).

1) The speed of light in air is 300,000,000 m/sec.

\_\_\_\_\_

2) The distance between the Sun and the Earth is 92,955,807 miles.

\_\_\_\_\_

3) The diameter of a virus is about 0.0000257 m.

\_\_\_\_\_

4) Thickness of a piece of paper is 0.00014 mm.

\_\_\_\_\_

5) The diameter of the Earth is 12,742,000 m.

\_\_\_\_\_

6) The average diameter of a red blood cell is 0.000007 m.

\_\_\_\_\_

7) The distance between the Moon and the Earth is 384,400,000 m.

\_\_\_\_\_



# SCIENTIFIC NOTATION

## Answer key

Name \_\_\_\_\_

Score \_\_\_\_\_

SN:34

Express in scientific notation (Values given are approximate).

1) The speed of light in air is 300,000,000 m/sec.

$3 \times 10^8 \text{ m/sec}$

2) The distance between the Sun and the Earth is 92,955,807 miles.

$9.2955807 \times 10^7 \text{ miles}$

3) The diameter of a virus is about 0.0000257 m.

$2.57 \times 10^{-5} \text{ m}$

4) Thickness of a piece of paper is 0.00014 mm.

$1.4 \times 10^{-4} \text{ mm}$

5) The diameter of the Earth is 12,742,000 m.

$1.2742 \times 10^7 \text{ m}$

6) The average diameter of a red blood cell is 0.000007 m.

$7 \times 10^{-6} \text{ m}$

7) The distance between the Moon and the Earth is 384,400,000 m.

$3.844 \times 10^8 \text{ m}$