



SCIENTIFIC NOTATION

Name _____

Score _____

SN:39

Express in scientific notation.

- 1) The cost of a ticket for 3 days stay in a cruise ship is 35,968. If 500 tickets were sold, what was the total amount collected.

- 2) An education website has 434,206 daily unique visitors. An e-commerce website gets double the number of visitors. How many visitors does the e-commerce website get?

- 3) The volume of a cube is $216,000,000 \text{ mm}^3$. Find the length of each side. ($V = 6a^3$)

- 4) a) Convert 3km/s to m/s. (1km=1000m)

- b) Convert 120nm to m. (1nm= 10^{-9} m)



SCIENTIFIC NOTATION

Answer key

Name _____

Score _____

SN:39

Express in scientific notation.

- 1) The cost of a ticket for 3 days stay in a cruise ship is 35,968. If 500 tickets were sold, what was the total amount collected.

$$\underline{1.7984 \times 10^7}$$

- 2) An education website has 434,206 daily unique visitors. An e-commerce website gets double the number of visitors. How many visitors does the e-commerce website get?

$$\underline{8.68412 \times 10^5}$$

- 3) The volume of a cube is $216,000,000 \text{ mm}^3$. Find the length of each side. ($V = 6a^3$)

$$\underline{6 \times 10^3 \text{ mm}}$$

- 4) a) Convert 3km/s to m/s . ($1\text{km}=1000\text{m}$)

$$\underline{3 \times 10^3 \text{ m/s}}$$

- b) Convert 120nm to m . ($1\text{nm}=10^{-9}\text{m}$)

$$\underline{1.2 \times 10^{-7} \text{ m}}$$