Name: _____

SCIENTIFIC NOTATION

Grade: ____

Express in scientific notation the underlined number.

1) The thickness of Sarah's hair is 0.0002 mm.

_____

2) The size of a phytoplankton measured is 0.00000176 m.

_____

3) Diameter of a wire on a computer chip is 0.000003 m.

_____

4) The mass of earth is 5,970,000,000,000,000,000,000,000 kg.

_____

5) 10,024 km is equal to 10024000000 mm.

_____

6) The distance between the Sun and the Jupiter is 778,547,200 km.

_____

7) 1 micron is equal to 0.000001 m.

_____

Read each question properly. Use the correct operation to solve and type your answer in scientific notation on the space provide. SHOW ALL WORKING IN THE BOX.

8. 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.

_____

9. 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?

_____

10. A virus attacked 175,245 people in city A and 1,486,964 people in city B. How many people in all were affected?

_____

11. The average diameter of a red blood cell is 0.000007m. Calculate the radius. (Use formula: Radius = Diameter/2)

_____

12. The population of China is 1,352,600,000 and the US is 327,200,000. How many more people are living in China than the US.

_____

13. The mass of Earth is 5.97×10^{24} kg and the mass of Moon is 7.35×10^{22} kg. What is the total mass?

_____

14. The number of visitors to the US in 2018 and 2017 were 79,620,000 and 76,940,000 respectively. How many more visitors visited the US in 2018 than 2017?

_____

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