

Scientific Notation

Positive: MS2

Example:

Write 985,625 in scientific notation.

9 8 5 6 2 5.

We should move the decimal point 5 places to the left. So, the exponent will be 5.

$$985,625 = 9.85625 \times 10^5$$

Express each number in scientific notation

1) 7,250,000,000 _____

2) 872,000,000 _____

3) 110,000,000 _____

4) 90,500,000,000 _____

5) 28,189,000,000 _____

6) 5,620,000 _____

7) 874,020,000 _____

8) 14,000,000 = _____

9) 7,586,000,000,000,000 = _____

10) 4,460,500,000,000 = _____

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Answer key**Scientific Notation**

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7) 874,020,000 _____

8) 14,000,000 = _____

1.4×10^7

9) 7,586,000,000,000,000 = _____

7.586×10^{15}

10) 4,460,500,000,000 = _____

4.4605×10^{12}

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