

Name: _____

Date: _____ Score: _____

Scientific Notation

Write each number in scientific notation.

1) 0.000055 = _____

6) 2,276 = _____

2) 225,000 = _____

7) 0.000207 = _____

3) 0.00179 = _____

8) 0.00939 = _____

4) 18,569 = _____

9) 5.5×10^5 = _____

5) 41,214 = _____

10) 8.2×10^{-4} = _____

Write each number in standard form.

11) 1.0018×10^{11} = _____

16) 4.11×10^3 = _____

12) 7.754×10^{-4} = _____

17) 4.571×10^4 = _____

13) 5.462×10^4 = _____

18) 9.5×10^5 = _____

14) 7.973×10^2 = _____

19) 2.614×10^6 = _____

15) 6.06×10^6 = _____

20) 4×10^{-6} = _____

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Answers

1) $0.000055 = \underline{5.5 \times 10^{-5}}$

6) $2,276 = \underline{2.276 \times 10^3}$

2) $225,000 = \underline{2.25 \times 10^5}$

7) $0.000207 = \underline{2.07 \times 10^{-4}}$

3) $0.00179 = \underline{1.79 \times 10^{-3}}$

8) $0.00939 = \underline{9.39 \times 10^{-3}}$

4) $18,569 = \underline{1.8569 \times 10^4}$

9) $5.5 \times 10^5 = \underline{550,000}$

5) $41,214 = \underline{4.1214 \times 10^4}$

10) $8.2 \times 10^{-4} = \underline{0.00082}$

11) $1.0018 \times 10^{11} = \underline{100,180,000,000}$

16) $4.11 \times 10^3 = \underline{4,110}$

12) $7.754 \times 10^{-4} = \underline{0.0007754}$

17) $4.571 \times 10^4 = \underline{45,710}$

13) $5.462 \times 10^4 = \underline{54,620}$

18) $9.5 \times 10^5 = \underline{950,000}$

14) $7.973 \times 10^2 = \underline{797.3}$

19) $2.614 \times 10^6 = \underline{2,614,000}$

15) $6.06 \times 10^6 = \underline{6,060,000}$

20) $4 \times 10^{-6} = \underline{0.000004}$