

Name: _____

Date: _____ Score: _____

Writing in Scientific Notation.

1) 92.03 = _____ 6) 0.0005534 = _____

2) 1,390 = _____ 7) 849,000,000 = _____

3) 52,469 = _____ 8) 1247 = _____

4) 7,004 = _____ 9) 1,333,000 = _____

5) 725,000,000 = _____ 10) 0.0004689 = _____

Writing in Standard Form.

11) 8.72×10^4 = _____ 16) 8.9×10^{-3} = _____

12) 4,256 = _____ 17) 2.2×10^{-7} = _____

13) 3.2×10^{-7} = _____ 18) 4.88×10^{-6} = _____

14) 8.35×10^1 = _____ 19) 9.4×10^7 = _____

15) 9.203×10^1 = _____ 20) 1.6×10^7 = _____

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Answers

$$1) 92.03 = \underline{9.203 \times 10^1} \quad 6) 0.0005534 = \underline{5.534 \times 10^{-4}}$$

$$2) 1,390 = \underline{1.39 \times 10^3} \quad 7) 849,000,000 = \underline{8.49 \times 10^8}$$

$$3) 52,469 = \underline{5.2469 \times 10^4} \quad 8) 1247 = \underline{1.247 \times 10^3}$$

$$4) 7,004 = \underline{7.004 \times 10^3} \quad 9) 1,333,000 = \underline{1.333 \times 10^6}$$

$$5) 725,000,000 = \underline{7.25 \times 10^8} \quad 10) 0.0004689 = \underline{4.689 \times 10^{-4}}$$

$$11) 8.72 \times 10^4 = \underline{87,200} \quad 16) 8.9 \times 10^{-3} = \underline{0.0089}$$

$$12) 4,256 = \underline{4.256 \times 10^3} \quad 17) 2.2 \times 10^{-7} = \underline{0.00000022}$$

$$13) 3.2 \times 10^{-7} = \underline{0.00000032} \quad 18) 4.88 \times 10^{-6} = \underline{0.00000488}$$

$$14) 8.35 \times 10^1 = \underline{83.5} \quad 19) 9.4 \times 10^7 = \underline{94,000,000}$$

$$15) 9.203 \times 10^1 = \underline{92.03} \quad 20) 1.6 \times 10^7 = \underline{16,000,000}$$