

Name:

Date:

Scientific Notation

Compare each number using $<$, $>$, or $=$

1	855,000	○	8.55×10^4
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5	2.49×10^6	○	249,000
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2	8.46×10^3	○	846
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6	609	○	6.09×10^2
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3	.0000518	○	5.18×10^5
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7	4,260	○	4.26×10^4
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4	689,000	○	6.89×10^6
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8	296	○	2.96×10^2
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Order the following numbers from least to greatest, using numbers 1 (least) – 5 (greatest).

9	3.47×10^{-4}	2.34×10^7	3.5×10^{-3}	8.9×10^{-2}	1×10^3
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10	5.06×10^4	8.7×10^4	3.5×10^2	5.3×10^{-3}	3.4×10^1
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11	7.92×10^2	3.9×10^{-2}	7.5×10^{-3}	9×10^2	6.3×10^4
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12	5.15×10^5	1.9×10^{-3}	2.7×10^{-3}	9.9×10^{-2}	1.6×10^3
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Compare each number using $<$, $>$, or $=$

1 855,000 $>$ 8.55×10^4

5 2.49×10^6 $>$ 249,000

2 8.46×10^3 $>$ 846

6 609 $=$ 6.09×10^2

3 .0000518 $=$ 5.18×10^5

7 4,260 $<$ 4.26×10^4

4 689,000 $<$ 6.89×10^6

8 296 $=$ 2.96×10^2

Order the following numbers from least to greatest, using numbers 1 (least) – 5 (greatest).

9 3.47×10^{-4} 2.34×10^7 3.5×10^{-3} 8.9×10^{-2} 1×10^3

1 5 2 3 4

10 5.06×10^4 8.7×10^4 3.5×10^2 5.3×10^{-3} 3.4×10^1

4 5 3 1 2

11 7.92×10^2 3.9×10^{-2} 7.5×10^{-3} 9×10^2 6.3×10^4

3 2 1 4 5

12 5.15×10^5 1.9×10^{-3} 2.7×10^{-3} 9.9×10^{-2} 1.6×10^3

5 2 1 3 4