

Name _____ Date _____

Compare Numbers in Scientific Notation

Compare each pair of numbers using $>$, $<$, or $=$.

1

$$180,000 \quad \bigcirc \quad 1.8 \times 10^6$$

2

$$3,100 \quad \bigcirc \quad 3.1 \times 10^2$$

3

$$9.2 \times 10^5 \quad \bigcirc \quad 9,200,000$$

4

$$6.5 \times 10^4 \quad \bigcirc \quad 65,000$$

5

$$5.38 \times 10^4 \quad \bigcirc \quad 538,000$$

6

$$3.2 \times 10^5 \quad \bigcirc \quad 3.2 \times 10^7$$

7

$$42,000 \quad \bigcirc \quad 4.2 \times 10^6$$

8

$$6.29 \times 10^7 \quad \bigcirc \quad 6,290,000$$

9

$$0.0415 \quad \bigcirc \quad 4.15 \times 10^2$$

10

$$2.07 \times 10^{-3} \quad \bigcirc \quad 0.0207$$

11

$$5.8 \times 10^9 \quad \bigcirc \quad 5.08 \times 10^9$$

12

$$9.5 \times 10^{-6} \quad \bigcirc \quad 0.0000095$$

13

$$2.41 \times 10^2 \quad \bigcirc \quad 2.14 \times 10^3$$

14

$$3.55 \times 10^{-3} \quad \bigcirc \quad 3.76 \times 10^{-2}$$

15

$$2.87 \times 10^9 \quad \bigcirc \quad 3.94 \times 10^8$$

16

$$8.4 \times 10^{-4} \quad \bigcirc \quad 4.8 \times 10^{-4}$$

17

$$0.00193 \quad \bigcirc \quad 1.93 \times 10^3$$

18

$$1.1 \times 10^6 \quad \bigcirc \quad 9.7 \times 10^5$$