

# Compare Numbers in Scientific Notation

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

|   |   |   |
|---|---|---|
| 1<br>180,000 $<$ $1.8 \times 10^6$                  | 2<br>3,100 $>$ $3.1 \times 10^2$                      | 3<br>$9.2 \times 10^5$ $<$ 9,200,000            |
| 4<br>$6.5 \times 10^4$ $=$ 65,000                   | 5<br>$5.38 \times 10^4$ $<$ 538,000                   | 6<br>$3.2 \times 10^5$ $<$ $3.2 \times 10^7$    |
| 7<br>42,000 $<$ $4.2 \times 10^6$                   | 8<br>$6.29 \times 10^7$ $>$ 6,290,000                 | 9<br>0.0415 $=$ $4.15 \times 10^{-2}$           |
| 10<br>$2.07 \times 10^{-3}$ $<$ 0.0207              | 11<br>$5.8 \times 10^9$ $>$ $5.08 \times 10^9$        | 12<br>$9.5 \times 10^{-6}$ $=$ 0.0000095        |
| 13<br>$2.41 \times 10^2$ $<$ $2.14 \times 10^3$     | 14<br>$3.55 \times 10^{-3}$ $<$ $3.76 \times 10^{-2}$ | 15<br>$2.87 \times 10^9$ $>$ $3.94 \times 10^8$ |
| 16<br>$8.4 \times 10^{-4}$ $>$ $4.8 \times 10^{-4}$ | 17<br>0.00193 $=$ $1.93 \times 10^{-3}$               | 18<br>$1.1 \times 10^6$ $>$ $9.7 \times 10^5$   |