Name: .................................................... Class: ........................

## Compare numbers written in scientific notation

Which sign makes the statement true?  Complete with $>$ $<$, or $=$ .

| | | |
|---|---|---|
| $0.000078$ | ☐ | $7.8 \times 10^{-5}$ |
| $1.33 \times 10^4$ | ☐ | $1.4 \times 10^4$ |
| $3.6 \times 10^2$ | ☐ | $3.11 \times 10^2$ |
| $7 \times 10^7$ | ☐ | $0.7 \times 10^8$ |
| $4.1 \times 10^{-3}$ | ☐ | $4 \times 10^2$ |
| $2.36 \times 10^{-7}$ | ☐ | $2.4 \times 10^{-6}$ |
| $20^8$ | ☐ | $3,000,000,000$ |
| $5.7 \times 10^2$ | ☐ | $570$ |
| $0.369$ | ☐ | $3.79 \times 10^3$ |
| $474 \times 10^5$ | ☐ | $565 \times 10^4$ |
| $2 \times 10^9$ | ☐ | $1.5 \times 10^9$ |
| $8.58 \times 10^3$ | ☐ | $9 \times 10^3$ |

Name: .................................................... Class: ............................

## Compare numbers written in scientific notation

Which sign makes the statement true? Complete with $>$ $<$ or $=$ .

$0.000078$ $=$ $7.8 \times 10^{-5}$

$1.33 \times 10^{4}$ $<$ $1.4 \times 10^{4}$

$3.6 \times 10^{2}$ $>$ $3.11 \times 10^{2}$

$7 \times 10^{7}$ $=$ $0.7 \times 10^{8}$

$4.1 \times 10^{-3}$ $<$ $4 \times 10^{2}$

$2.36 \times 10^{-7}$ $<$ $2.4 \times 10^{-6}$

$20^{8}$ $<$ $3,000,000,000$

$5.7 \times 10^{2}$ $=$ $570$

$0.369$ $<$ $3.79 \times 10^{3}$

$474 \times 10^{5}$ $>$ $565 \times 10^{4}$

$2 \times 10^{9}$ $>$ $1.5 \times 10^{9}$

$8.58 \times 10^{3}$ $<$ $9 \times 10^{3}$