

# Operations with Scientific Notation Riddle!

**Directions:** Simplify. Write each answer in scientific notation. Then write the letter above the line that the answer corresponds to.

Which dinosaur knew the most words?



$$\frac{T}{2.7 \times 10^{-4}} \quad \frac{H}{3.8 \times 10^6} \quad \frac{E}{9.007 \times 10^4}$$

$$\frac{T}{7.4 \times 10^7} \quad \frac{H}{7.7 \times 10^7} \quad \frac{E}{4.25 \times 10^3} \quad \frac{S}{6.3 \times 10^{15}} \quad \frac{A}{4.2 \times 10^5} \quad \frac{U}{6.95 \times 10^{-2}} \quad \frac{R}{4.97 \times 10^{-7}} \quad \frac{U}{9.74 \times 10^0} \quad \frac{S}{1.0044 \times 10^{-5}}$$

<b>S</b> $(1.08 \times 10^{-3})(9.3 \times 10^{-3})$  $1.0044 \times 10^{-5}$	<b>U</b> $\frac{9 \times 10^{-5}}{9.24 \times 10^{-6}}$  $9.74 \times 10^0$	<b>A</b> $(5 \times 10^5) - (8 \times 10^4)$  $4.2 \times 10^5$
<b>R</b> $(5 \times 10^{-7}) - (3 \times 10^{-9})$  $4.97 \times 10^{-7}$	<b>S</b> $(7 \times 10^8)(9 \times 10^6)$  $6.3 \times 10^{15}$	<b>H</b> $(4 \times 10^6) - (2 \times 10^5)$  $3.8 \times 10^6$
<b>E</b> $\frac{17 \times 10^8}{4 \times 10^5}$  $4.25 \times 10^3$	<b>E</b> $(9 \times 10^4) + (7 \times 10)$  $9.007 \times 10^4$	<b>U</b> $(6.24 \times 10^{-2}) + (7.1 \times 10^{-3})$  $6.95 \times 10^{-2}$
<b>H</b> $(11 \times 10^4)(7 \times 10^2)$  $7.7 \times 10^7$	<b>T</b> $\frac{27 \times 10^4}{10 \times 10^8}$  $2.7 \times 10^{-4}$	<b>T</b> $(7 \times 10^7) + (4 \times 10^6)$  $7.4 \times 10^7$