

EXPONENT RULES

- Small groups work together
- Competitive without knowing whose winning until the end!
- Bonus pieces for displaying sportsmanship!
- Engaging and Fun!

Name(s): _____

 **TREASURE TRAP**

INSTRUCTIONS: Record your answers below. While only one response sheet is needed, all groups must be actively participating through discussion, showing work on scratch paper, etc. The group that is removed at the teacher's discretion if the group is not collaborating. When the game is over, calculate your totals. **TASK:** Simplify the exponents.

1 $a^2 \cdot a^4 \cdot a^6$	2 $\frac{r^2 w^3}{r^4 w}$	3 2
4 $(3^3)^3$	5 $\frac{5k^2 n^3}{k n^4 p^3}$	6 $(4g^5 h^4)^2$
7 $\left(\frac{c^3 d^2 t^4}{2c^3 d t}\right)^2$	8 $8m^{-4}$	9
10		

 SURVIVING in Secondary