

# COUNTDOWN Challenge

## Scientific Notation

*Can you complete the following charts?*

### Comparison of Mass of Animals

<u>Creature</u>	<u>Mass in Milligrams</u>	<u>Scientific Notation</u>
Spider	80	$8 \times 10^1$
Hummingbird	2,000	$2 \times 10^3$
Chicken	3,150,000	$3.150 \times 10^6$
Human	70,000,000	_____
Elephant	6,300,000,000	_____
Whale	138,000,000,000	_____

### Comparison of Units of Time

<u>Time Period</u>	<u># of Seconds</u>	<u>Scientific Notation</u>
1 minute [1 x 60]	60	$6 \times 10^1$
1 hour [60 x 60]	3,600	$3.6 \times 10^3$
1 day [24 x 60 x 60]	_____	$8.64 \times 10^6$
1 week [28 x 24 x ...]	_____	_____
1 month	_____	_____
(shortest) [28 x 24 x ...]	_____	_____
(longest) [31 x 24 x ...]	_____	_____
1 year	_____	_____
(shortest) [365 x 24 x ...]	_____	_____
(longest) [366 x 24 x ...]	_____	_____