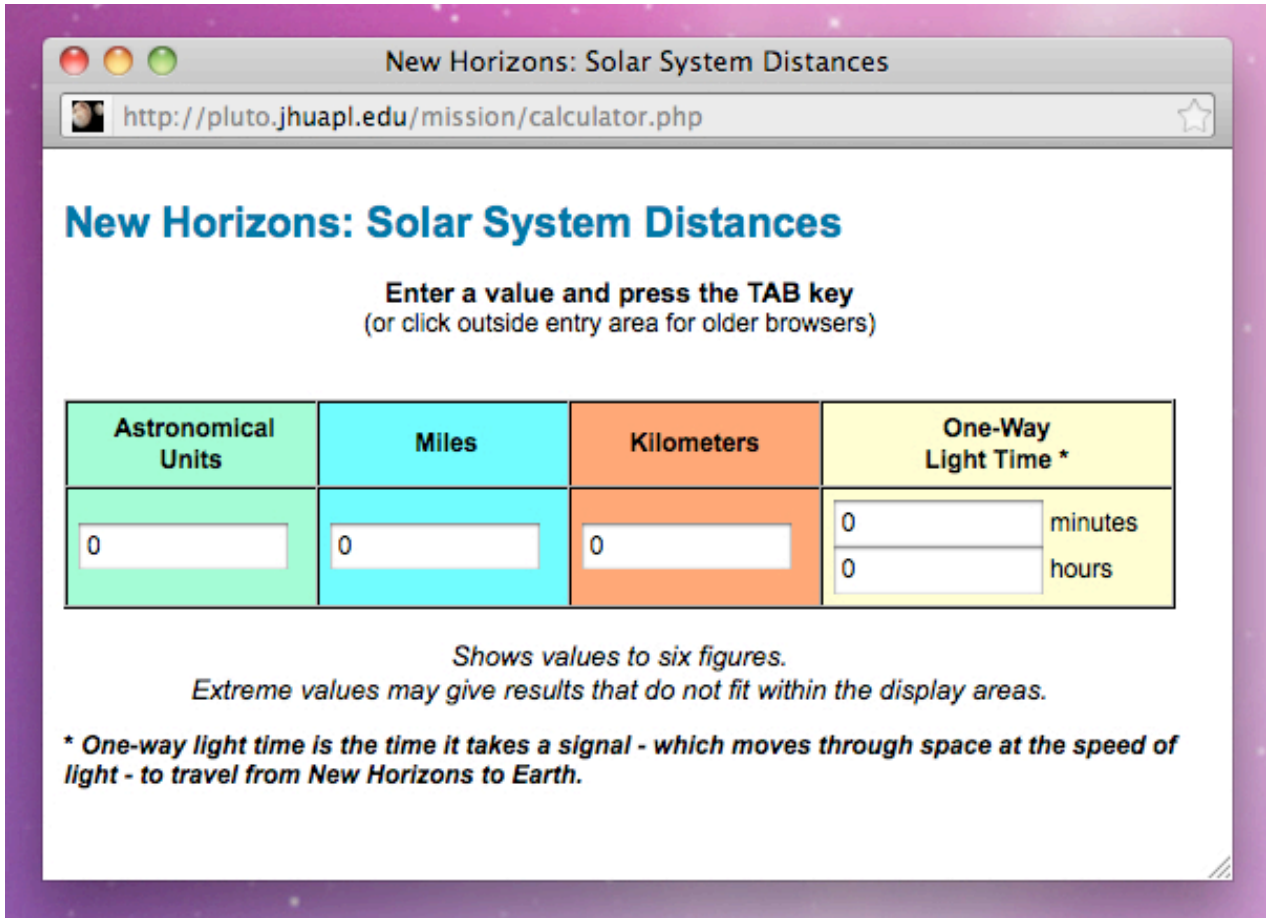


Full name: ..... Date: ..... Group: .....

1.- Working on line!



- 1) Go to <http://pluto.jhuapl.edu/mission/calculator.php>
- 2) Select **New Horizons: Solar System Distances**, change the value **0 Astronomical Units** by **10** and press the *Intro* or *Tab* key.
- 3) Copy equivalent results (miles, kilometers, light-minutes and light-hours)
- 4) Press reload the blog.
- 5) Change the value **0 Miles** by **5879000000000** and press *Intro* or *Tab* key.
- 6) Copy equivalent results (AU, km, light-minutes and light-hours)
- 7) Now, if you multiply 24 light-hours by 365.4 days, the result is ..... light-hours and this value is *one light-year!*
- 8) Finally, complete:
  - (1) 1 light-year = ..... AU
  - (2) 1 light-year = ..... Miles
  - (3) 1 light-year = ..... Kilometers

2.- Using calculator!

- 2.1.- 150,000 Miles = ..... Kilometers = ..... light-minutes
- 2.2.- 100 light-minutes = ..... Miles = ..... Astronomical Units
- 2.3.- 25 AU = ..... Kilometers = ..... light-hours
- 2.4.- 1 light-hour = ..... Kilometers = ..... Astronomical Units
- 2.5.- 9,461,000,000,000 km = ..... mi = ..... AU