

WARM UP – AUGUST 28, 2018

1. Which planet has the strongest winds in the solar system?
2. A comet has a highly _____ orbit.
3. A _____ is a meteoroid that did not burn up in the atmosphere, but landed on Earth.
4. _____ are located in the _____
_____, between Mars and Jupiter.

ASTEROID BRAINPOP



BUILD A CASE

Some astronomers believe that the Main Asteroid Belt is composed of the pieces of a destroyed planet. List three facts about asteroids and explain how they support this theory. Then come up with one possible explanation for how the planet might have met its fate.

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2.

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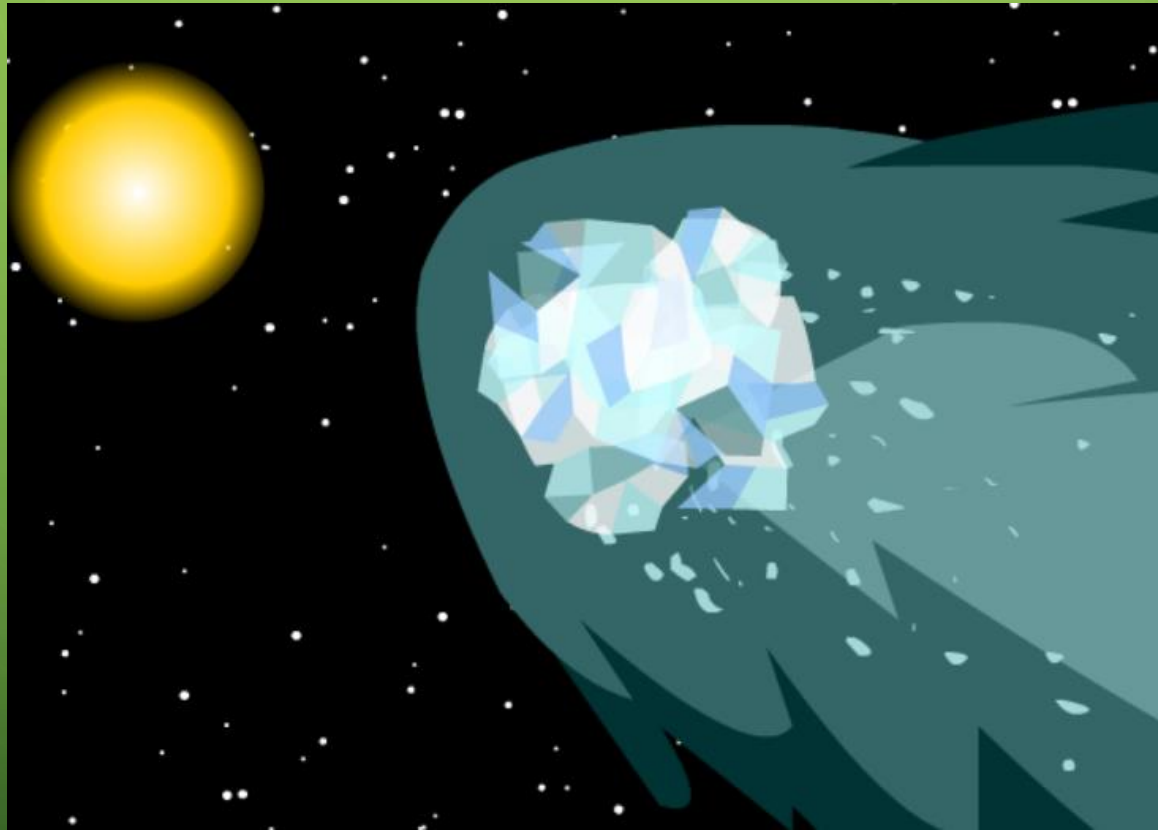
3.

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EXPLANATION:

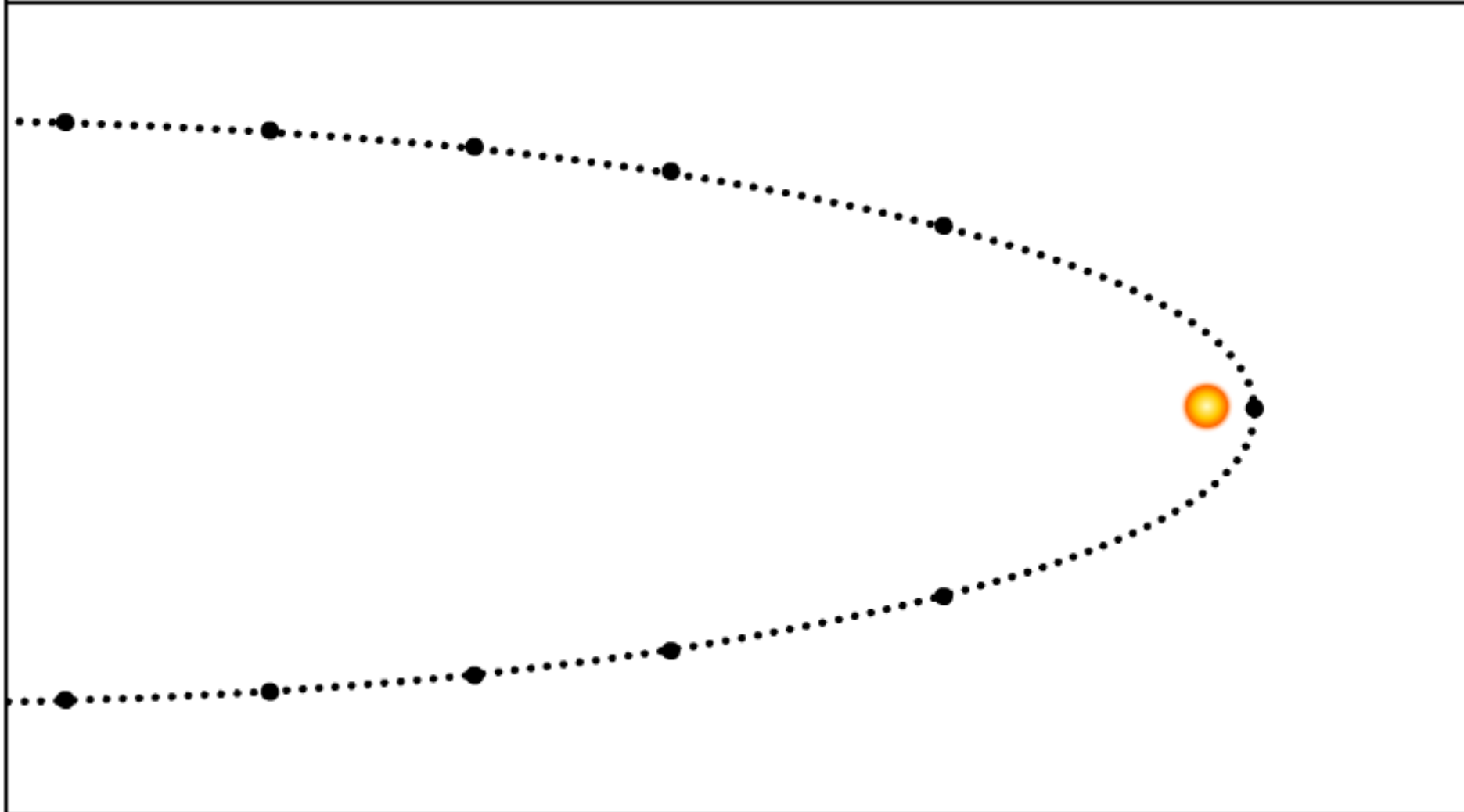
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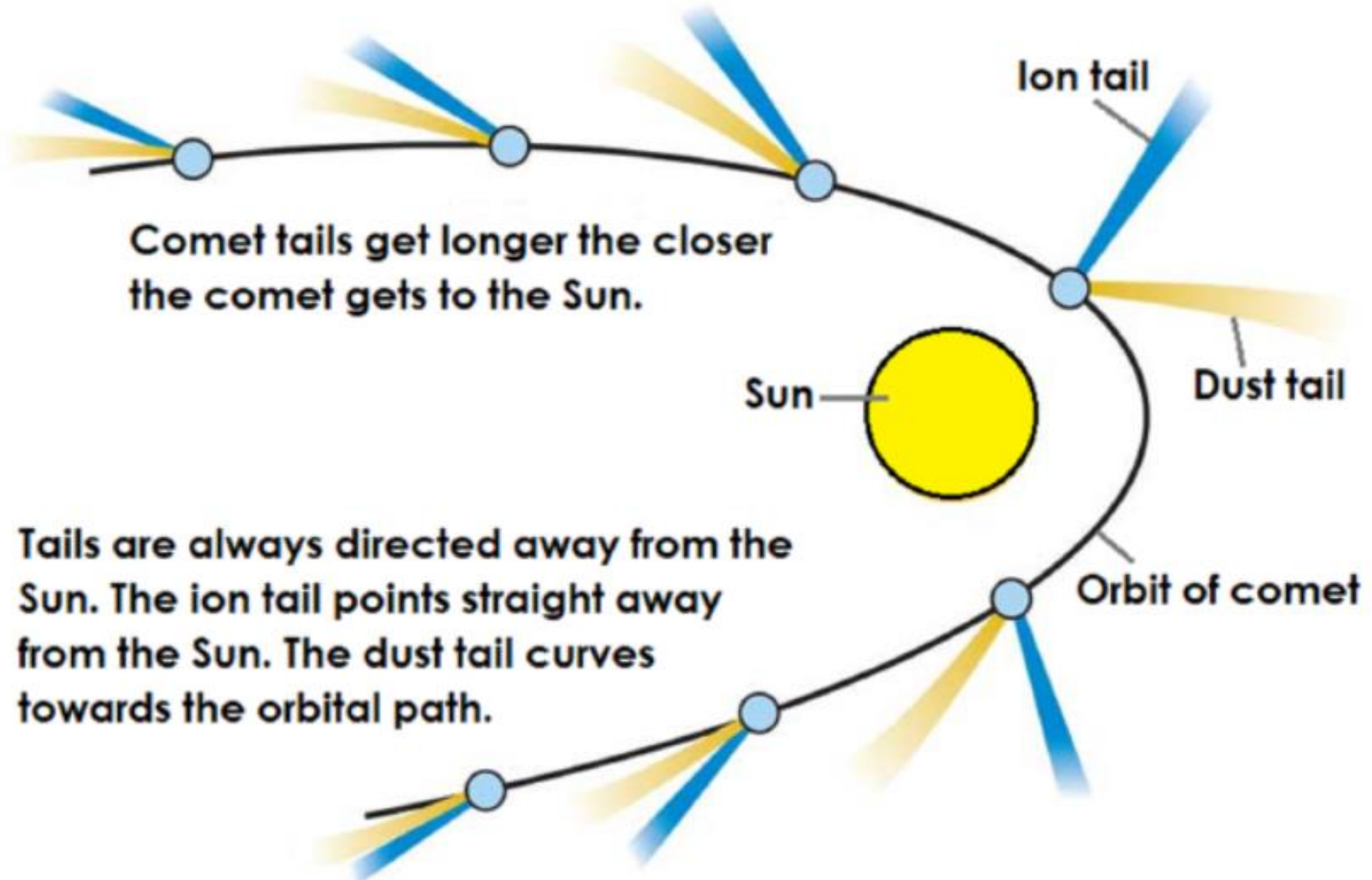
COMET BRAINPOP



DRAW IT

Fill in the tails of Halley's comet at the various points in its orbit around the sun. Then, circle the position at which the tail would be the longest!





Comet tails get longer the closer the comet gets to the Sun.

Tails are always directed away from the Sun. The ion tail points straight away from the Sun. The dust tail curves towards the orbital path.