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5. What if the Earth were 2 AU from the Sun? What would be the length of time that it would take for the Earth to make 1 complete revolution around the Sun?
  
  6. When a planet is directly between the Earth and the Sun it is said to be in what configuration?
    - (a) Inferior conjunction
    - (b) Superior conjunction
    - (c) Elongation
    - (d) Opposition
  
  7. If the distance between the Earth and the Sun is suddenly doubled, how does the gravitational attraction between the two bodies change?
    - (a) It increases by a factor of 2.
    - (b) It increases by a factor of 4.
    - (c) It decreases by a factor of 2.
    - (d) It decreases by a factor of 4.
    - (e) Not enough information is provided.
  
  8. In what phase of Venus can we sometimes see that planet eclipsed by the Sun?
    - (a) new
    - (b) crescent phase
    - (c) quarter phase
    - (d) full
  
  9. True or False: All planets undergo retrograde motion as seen from Earth.
    - (a) True
    - (b) False
  
  10. What two things about Venus couldn't be explained by a geocentric cosmology?
    - (a) That it changes apparent size and orbital speed.
    - (b) That it has phases and changes apparent size.
    - (c) That it has phases and moons.
    - (d) That it changes apparent size and has moons.