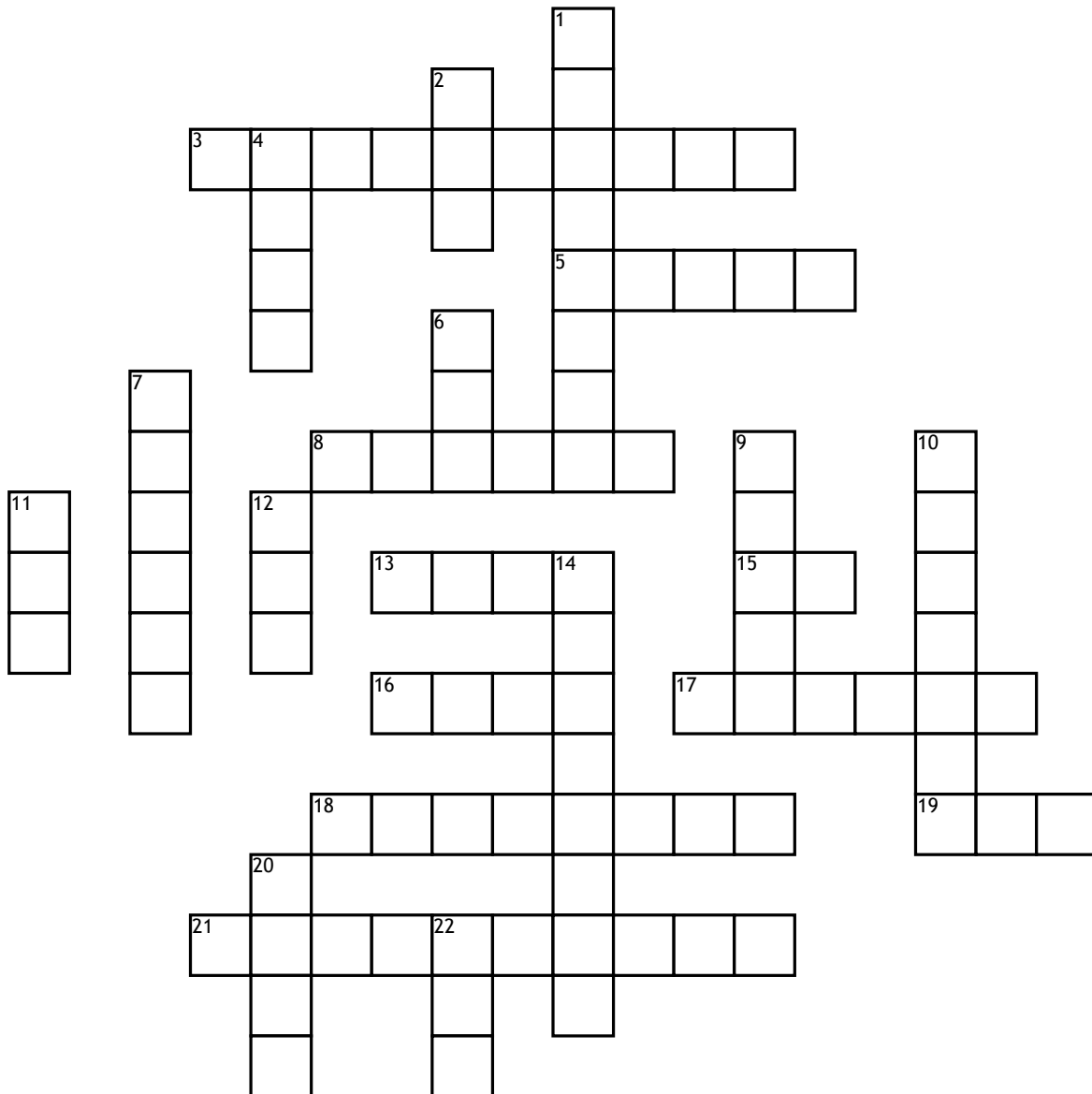


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Crossword for EIS



**Across**

- 3. Shadows / What moves
- 5. Geocentric / the thought that everything including the sun orbited the
- 8. Summer / When the Northern Hemisphere is having\_, the Southern Hemisphere is having
- 13. Rotate / to spin on an
- 15. Coldest / Seasonal delay means December 21st is not the \_day in
- 16. Fartheraway / The sun is larger, but is also \_ which is why it appears the same size as the
- 17. umbra / dark inner part of a
- 18. Equal / Spring and Fall are not too cold and not too hot because both hemispheres are getting \_
- 19. Ecliptic / the path the sun follows across the

- 21. us / Summer occurs for\_ when Direct is hitting the Northern
- Down**
- 1. Heliocentric, the thought that Sun is the center of our
  - 2. lower / Shadows are Longer in the winter because the sun's ecliptic is \_in the
  - 4. model / something that is used to study objects that are too small or too big to study easily in real
  - 6. Toward / The sun is higher in the sky in the summer because the Earth is tilted \_ the
  - 7. Penumbra / light outer part of a
  - 9. Moonsorbit / responsible for the length of one
  - 10. Tilt / the number one reason for the

- 11. Rotation / is responsible for the length of one
- 12. Height / Angle of separation is a way to measure the \_ of the sun in the
- 14. Direct / Whichever hemisphere is tilted towards the Sun is getting \_
- 20. Revolution / is responsible for the length of one
- 22. Distance / Seasons have nothing to do with the from the Earth to the