

IMAX Solar Max – Worksheet

Name: _____

1. What is the winter solstice? _____
2. How long has the Sun shone for? _____ How much longer will it shine? _____
3. How much bigger is the Sun compared to the Moon? _____
4. What happens during a solar eclipse? _____
5. What are crystal spheres? _____
6. What contribution did Copernicus make to astronomy? _____
7. What did Galileo observe about the Sun? _____
8. How far away is the Sun? _____
9. What are the two main elements of the Sun? _____
10. What is the connection between the Sun and the Auroras? _____
11. What is SOHO? _____
12. What is a solar flare? _____
13. What protects the Earth from solar flares? _____
14. What happens to our technologies during solar flares? _____
15. What is a solar max? _____
16. What is a super-flare? _____
17. How much relative energy does a flare release? _____
18. How big are sunspots? _____
19. How does the Sun “sing”? _____
20. List some uses of sunlight: _____