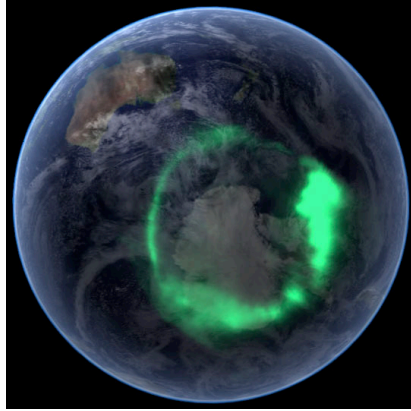


SPEED

SELF-CHECK PUZZLE



This awesome *Aurora Australis* in the skies over Antarctica was caused by a phenomenon that travels from the Sun to Earth at a speed of about 750 km/s (Yes...750 kilometres per second!). Calculate the speeds in the units shown in the brackets to find what causes auroras.

- | | |
|----------------------------------|-----------------------------------|
| D 120 km in 2 hours (km/h) | O 2000 m in 4 hours (km/h) |
| A 300 km in 45 minutes (km/h) | L 300 km in 180 minutes (km/h) |
| I 80 m in 10 s (m/s) | W 400 cm in 8 seconds (mm/s) |
| N 500 km in 8 seconds (km/s) | S 5000 m in 15 minutes (km/h) |
| R 3 km in 5 minutes (m/s) | |

- | | | | | |
|--------------------|---------------------|---------------------|----------------------|--------------------|
| $\frac{\quad}{20}$ | $\frac{\quad}{0.5}$ | $\frac{\quad}{100}$ | $\frac{\quad}{400}$ | |
| $\frac{\quad}{10}$ | $\frac{\quad}{500}$ | $\frac{\quad}{8}$ | $\frac{\quad}{62.5}$ | $\frac{\quad}{60}$ |

ANSWER
SOLAR WIND