

2000 + 1: a space maths odyssey

Design and decorate your own solar panel shape.

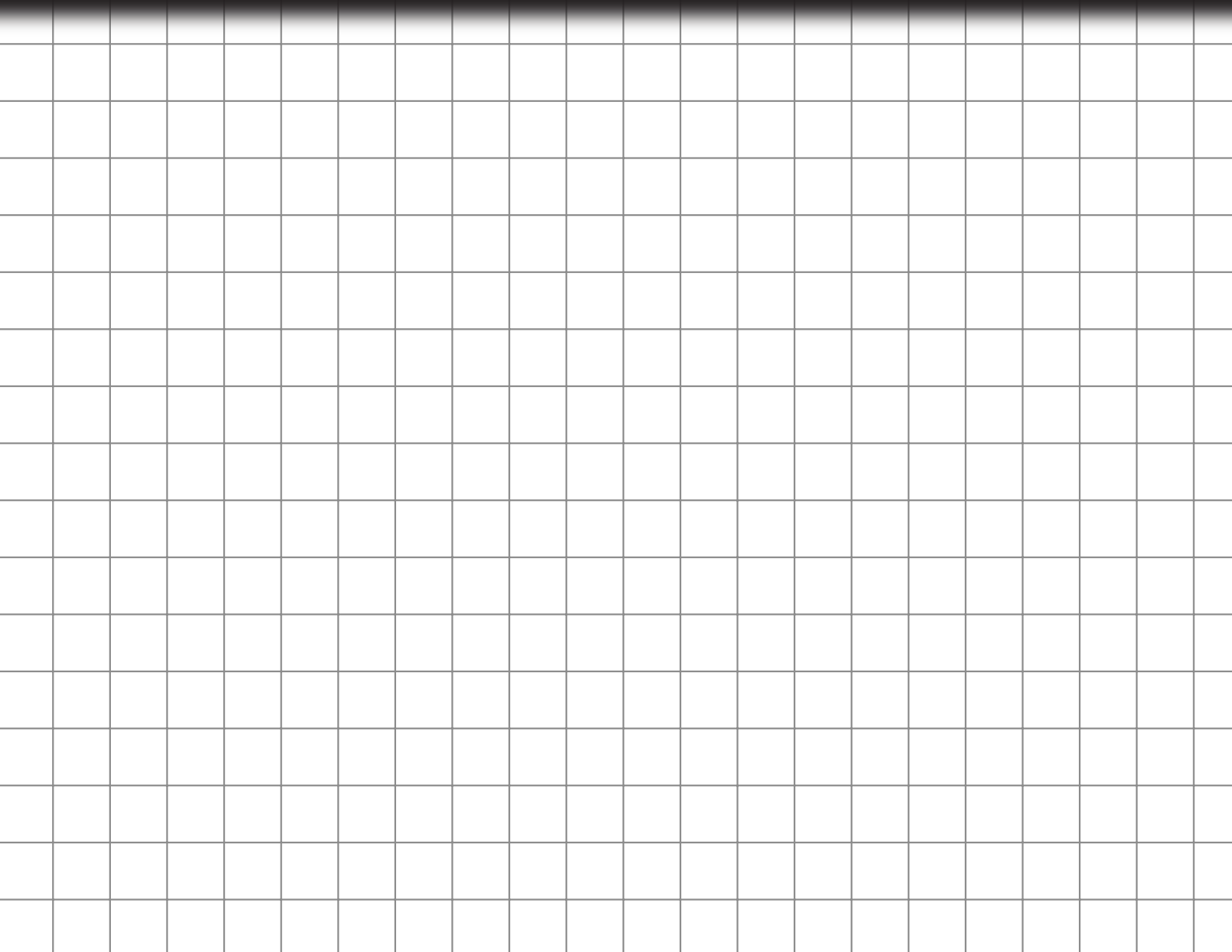
You could make it out of triangles, rectangles, or other quadrilaterals.

Label the dimensions and calculate

1) the area

2) the perimeter

(you can use area formulas, or the cm square grid).



On Earth, each cm^2 of solar panel receives 0.1W of sunlight.
How much sunlight does your solar panel receive?

The best solar panels can convert half of the sunlight into electrical power.
How many Watts of electrical power can your solar panel produce?

