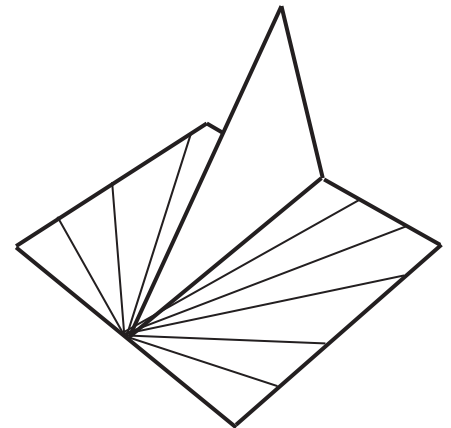


## Sundial

Cut the sundial along the thick black border. Fold along the dotted lines and add a piece of tape across the base. It should look like this.



After assembling the sundial, place it in sunlight so the side labeled "NORTH" is facing north. Sunlight will strike the vertical fin, or "gnomon," and cast a shadow on the sundial base. Read the time where the edge of the gnomon shadow falls. This is your true, local solar time. To make it agree with your watch, which is set to an average or "mean" solar time, you must add 32 minutes if you live in SE Michigan. Add one hour for daylight savings time.