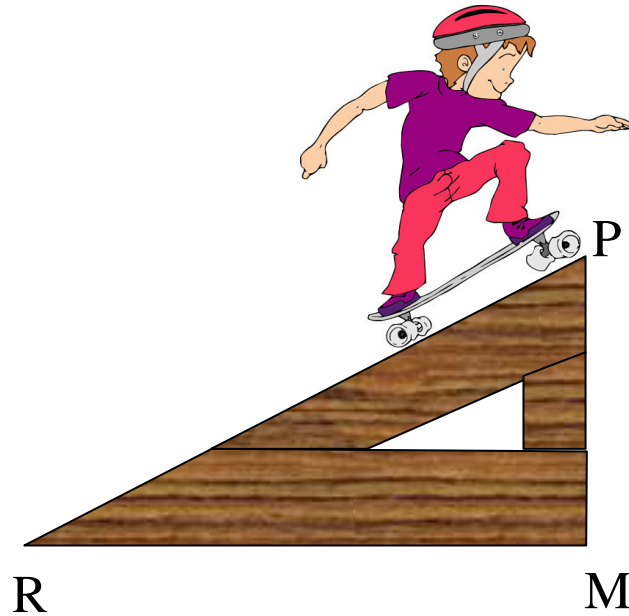


Appendix 8-B Angle Bisector Worksheet

1. Johnny built a ramp for the skateboard park. He decides to add a support that is an angle bisector of $\angle RMP$. Using one of your angle bisector techniques construct a support so that it extends from M to the top edge of the ramp. What is the length of the support in meters?



2. A student in art class wants to draw a picture of the sun with eight light rays coming out from it. The rays must be spaced apart equally. Show how this can be done using perpendicular bisectors and angle bisectors.

The teacher has asked that the radius of everybody's sun be 3 cm. Construct a circle using your compass.

Appendix 8-B Angle Bisector Worksheet