12.3 Law of Sines

Purpose:
To find the missing sides and angles of nonright triangles.

Learning Target:
I can use the Law of Sines to find missing sides and angles of triangles.

Use the Law of Sines to find the missing angle below.
4. Find $m \angle R$.

12.3 Law of Sines Day 1. notebook

$$
\begin{aligned}
& \frac{\sin 5+1}{21}=\frac{\sin 90^{\circ}}{35} \\
& \frac{R S \cdot \sin 54}{\sin 54}=\frac{31 \cdot \sin 98}{\sin 54} \\
& R S=37.9
\end{aligned}
$$

