$\qquad$
$\qquad$

## Law of Sines and Law of Cosines

Use the Law of Sines to find each measure. Round lengths to the nearest tenth and angle measures to the nearest degree.
1.

2.

3.

$B C$ $\qquad$
DE $\qquad$
GH $\qquad$
4.



$$
\mathrm{m} \angle J
$$

$\qquad$
5.

$\mathrm{m} \angle R$ $\qquad$
$\mathrm{m} \angle T$

Use the Law of Cosines to find each measure. Round lengths to the nearest tenth and angle measures to the nearest degree.
7.

8.

$Y Z$ $\qquad$ $B D$ $\qquad$ There's a back!

Find the area of each triangle using trigonometry.
9.

10.


