## 8-3 Solve It!



## 8-3 Lesson Quiz

1. What are the sine, cosine, and tangent ratios for $\angle B$ ?

2. What is the value of $x$ ? Round to the nearest tenth.

3. What is $m \angle X$ to the nearest degree?


## 4. Do you UNDERSTAND? Can a sine be greater than 1 ?

Explain.

## Answers

## Solve It!

## Lesson Quiz

1. $\sin B=\frac{5}{13}, \cos B=\frac{12}{13}$, $\tan B=\frac{5}{12}$
2. 16.9
3. 44
4. No; a leg of a right triangle cannot be longer than the hypotenuse.
