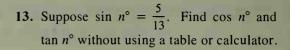
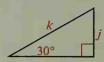
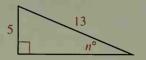
12. The table on page 311 lists 0.5000 as the value of sin 30°. This value is exact. Explain why.







- 14. According to the table on page 311, sin 1° and tan 1° are both approximately 0.0175. Which is actually larger? How do you know?
- 15. a. Using the definition of sine, explain why the sine of an acute angle is always less than one.
 - b. Is the cosine of an acute angle always less than one?

Written Exercises

In these exercises, use a scientific calculator or the table on page 311. Find lengths correct to the nearest integer and angles to the nearest degree.

In Exercises 1-12 find the values of the variables.

A

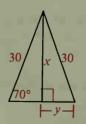




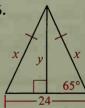




5.



6.



7.



8.



9.

