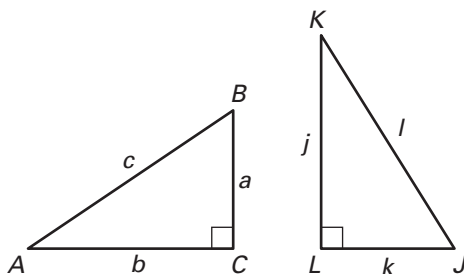


**Practice A**

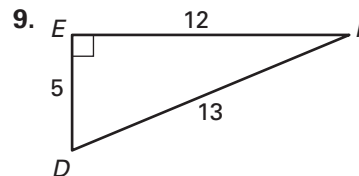
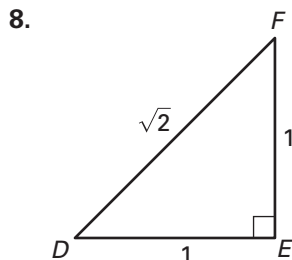
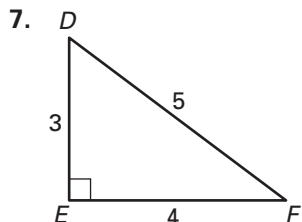
For use with pages 558–566

Use the diagrams at the right to find the trigonometric ratio.

1.  $\sin A$
2.  $\cos A$
3.  $\tan B$
4.  $\sin J$
5.  $\cos K$
6.  $\tan K$



Find the sine, the cosine, and the tangent of the acute angles of the triangle. Express each value as a decimal rounded to four places.

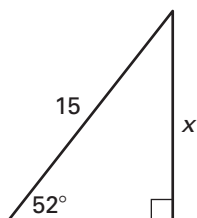


Use a calculator to approximate the given value to four decimal places.

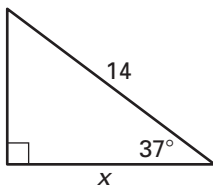
- |                     |                     |                     |                     |
|---------------------|---------------------|---------------------|---------------------|
| 10. $\sin 30^\circ$ | 11. $\cos 18^\circ$ | 12. $\tan 72^\circ$ | 13. $\sin 48^\circ$ |
| 14. $\tan 42^\circ$ | 15. $\cos 65^\circ$ | 16. $\tan 14^\circ$ | 17. $\sin 83^\circ$ |

Fill in the blank. Solve for the variable. Round decimals to the nearest tenth.

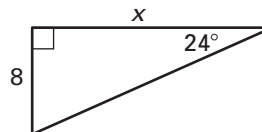
18.  $\sin 52^\circ = \frac{x}{?}$



19.  $\cos ?^\circ = \frac{x}{14}$



20.  $\tan 24^\circ = \frac{8}{?}$



Find the value of each variable. Round decimals to the nearest tenth.

