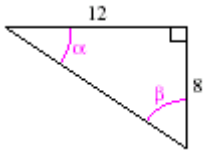


Right Angles and Trigonometric Values

Find the remaining angle measures and side lengths of the following triangles.

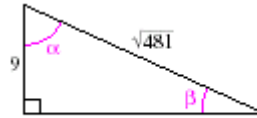
1.



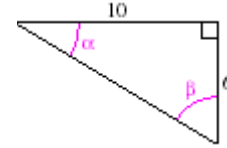
2.



3.



4.



Solve each right triangle with the given sides and angles.

5. $a = 6$, $b = 8$

6. $a = 10$, $c = 12$

7. $b = 6$, $c = 8.3$

8. $A = 32.4^\circ$, $b = 10$

9. $A = 16^\circ$, $c = 20$

10. $B = 47^\circ$, $a = 3$

11. $A = 39^\circ 9'$, $a = 9$

12. $B = 19^\circ 12'$, $b = 60$