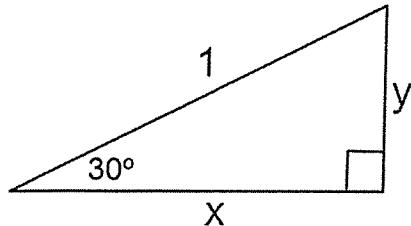
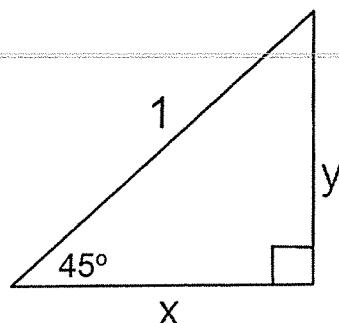


Find the EXACT values of x and y in each triangle.

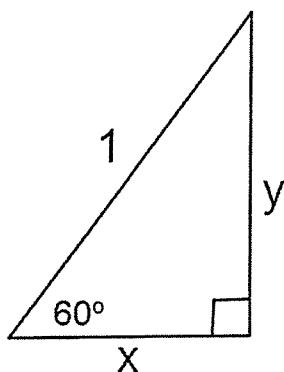
1. $x =$ $y =$



2. $x =$ $y =$



3. $x =$ $y =$



Use the above triangles to find the EXACT value of each of the below. Rationalize denominators and simplify.

4. $\sin 30^\circ$

5. $\cos 30^\circ$

6. $\tan 30^\circ$

7. $\sin 60^\circ$

8. $\cos 60^\circ$

9. $\tan 60^\circ$

10. $\sin 45^\circ$

11. $\cos 45^\circ$

12. $\tan 45^\circ$