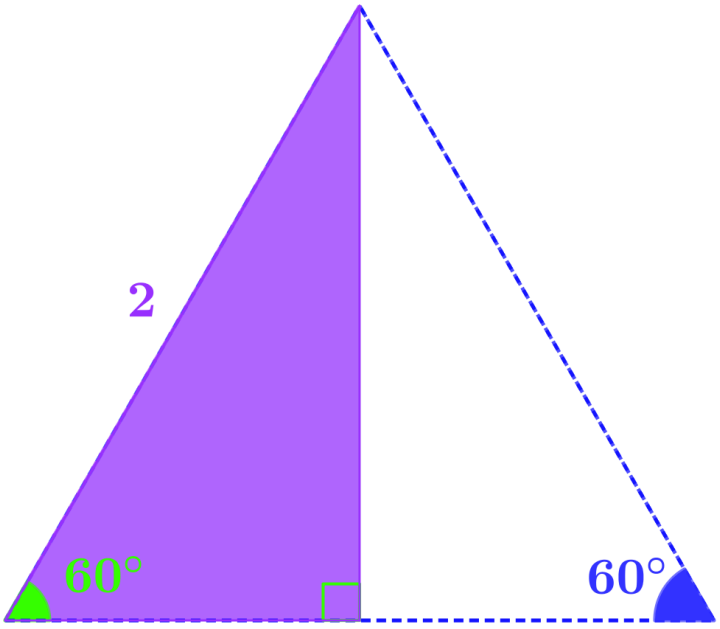
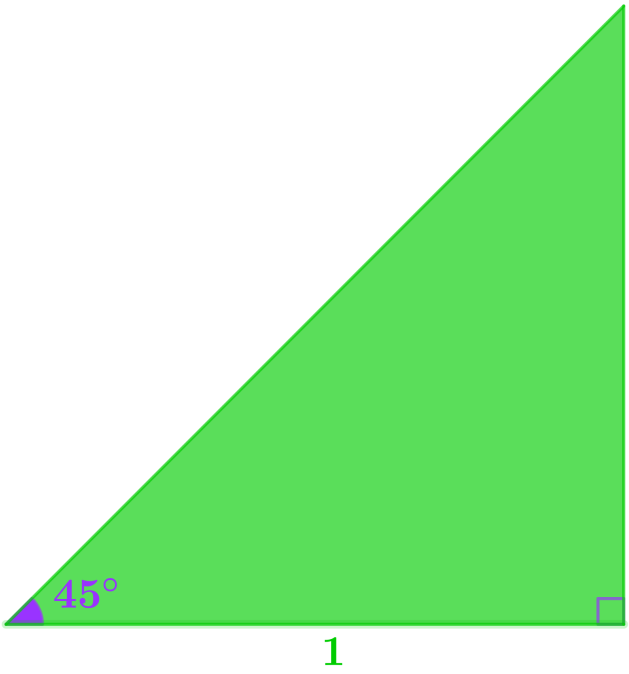
Defining the circular functions

Use this diagram to find sin, cos, and tan of 60° and 30°.

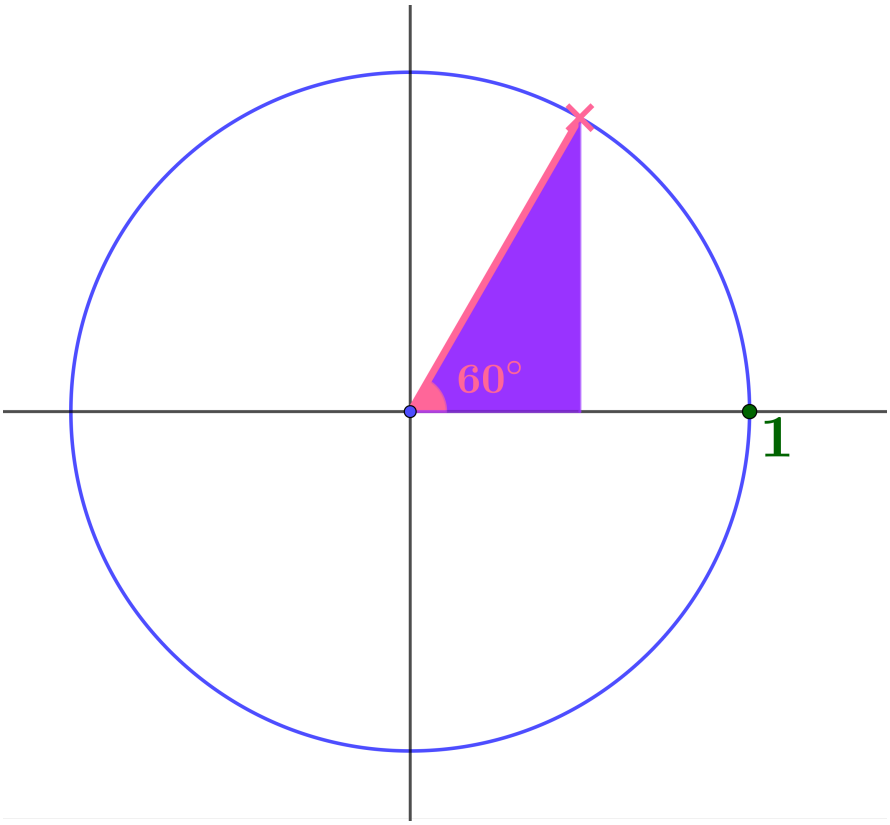


Use this diagram to find sin, cos, and tan of 45°.



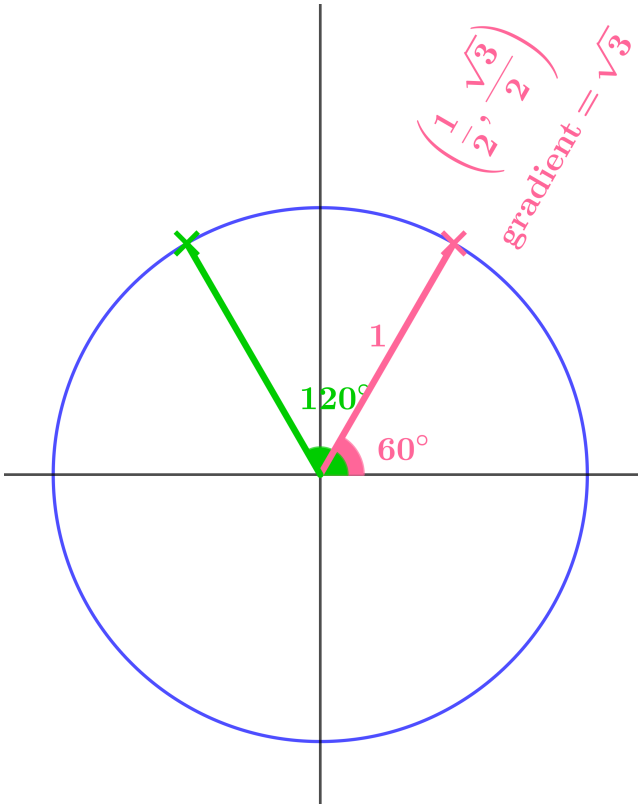
radical maths

What are the coordinates of the pink point and the gradient of the pink radius?



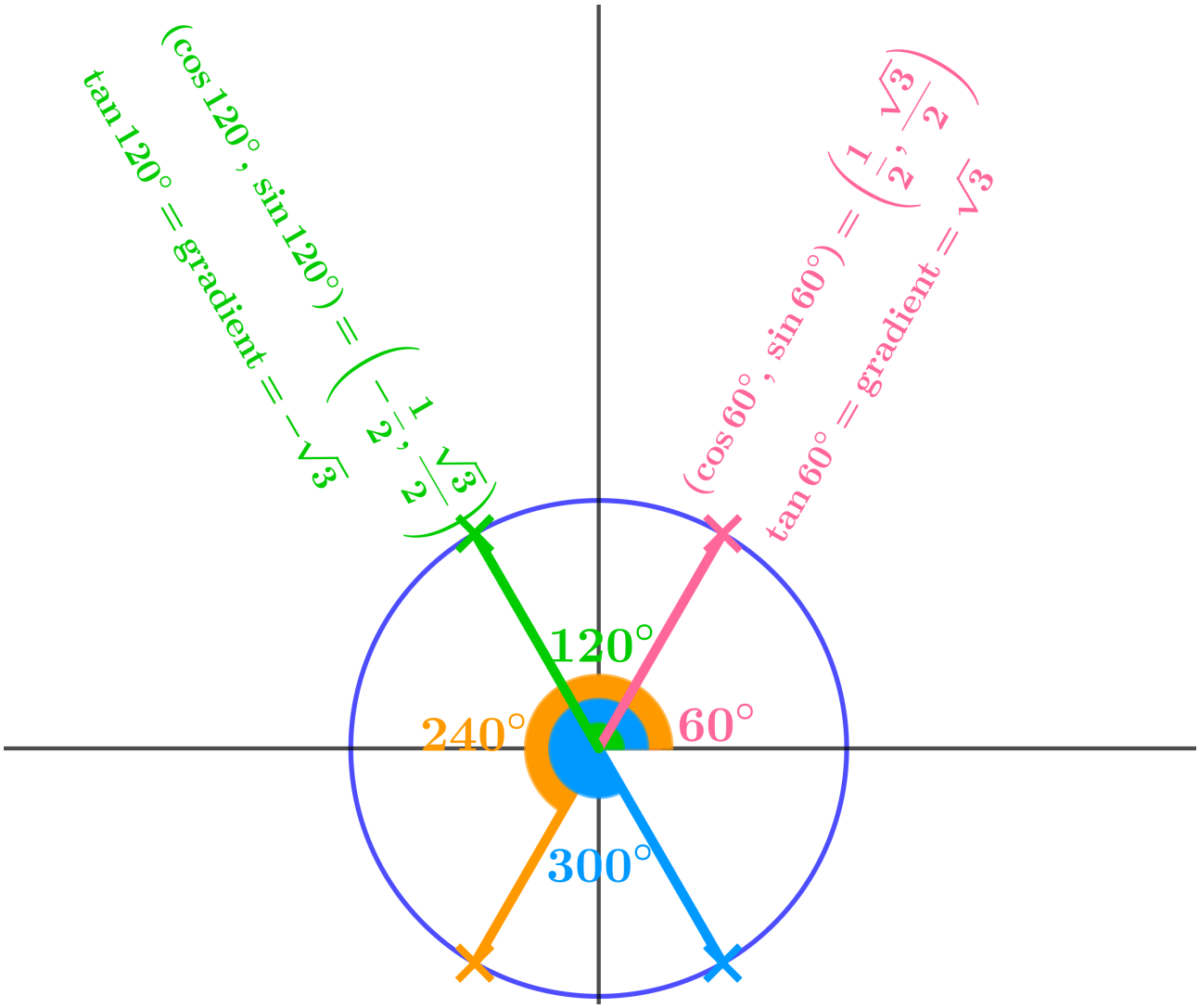
radical maths

What are the coordinates of the green point and the gradient of the green radius?



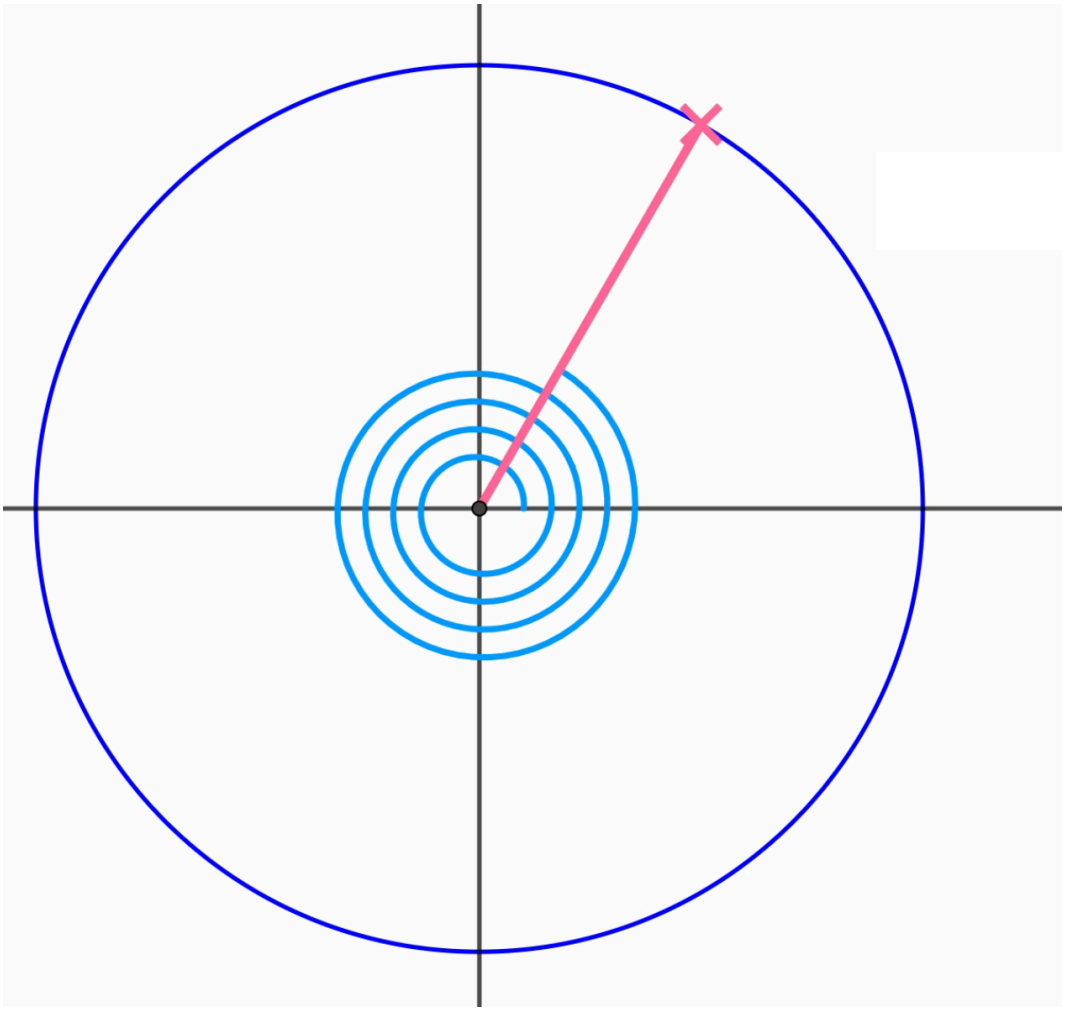
Suggest values for sin, cos, and tan of 120°.

Suggest values for sin, cos, and tan of 240° and 300°.



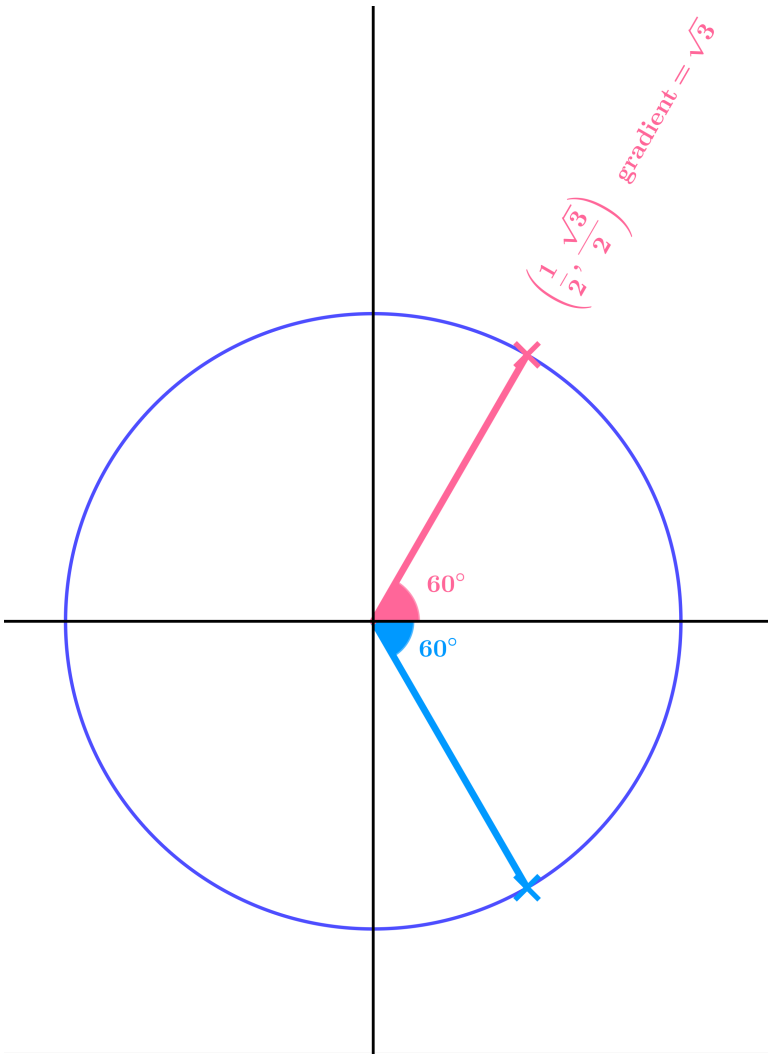
radical maths

What are sin, cos, tan of 420°, 780°, 1140°, 1500° ?

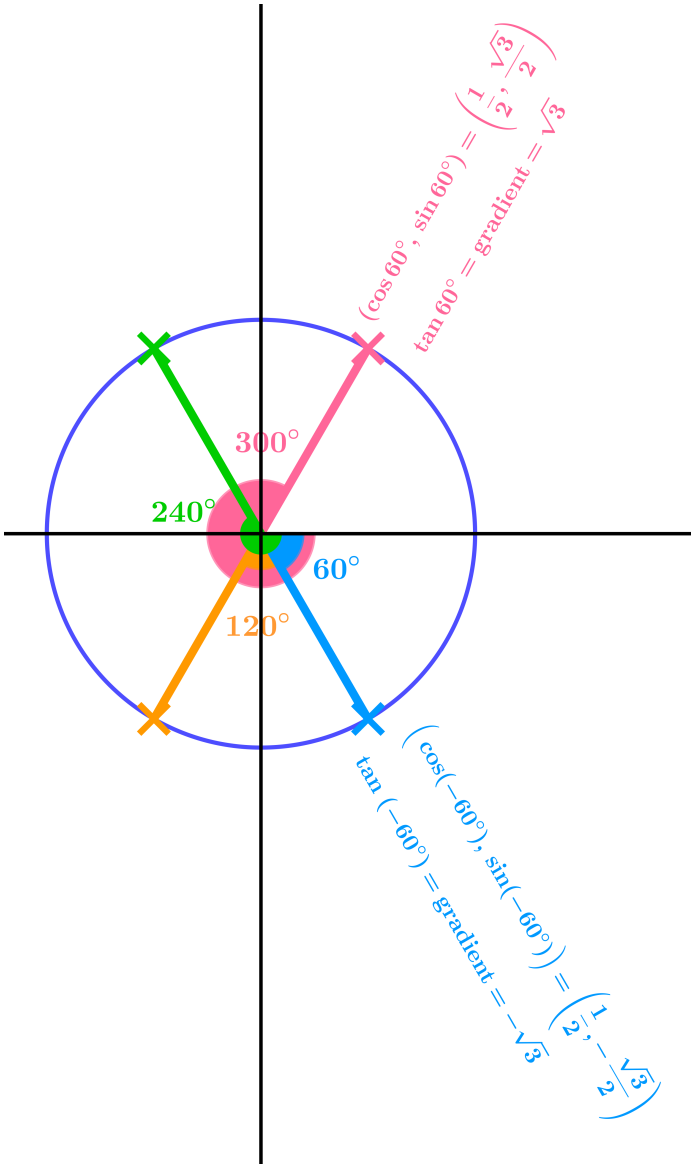


radical maths

Suggest values for sin, cos, tan of $-60°$?

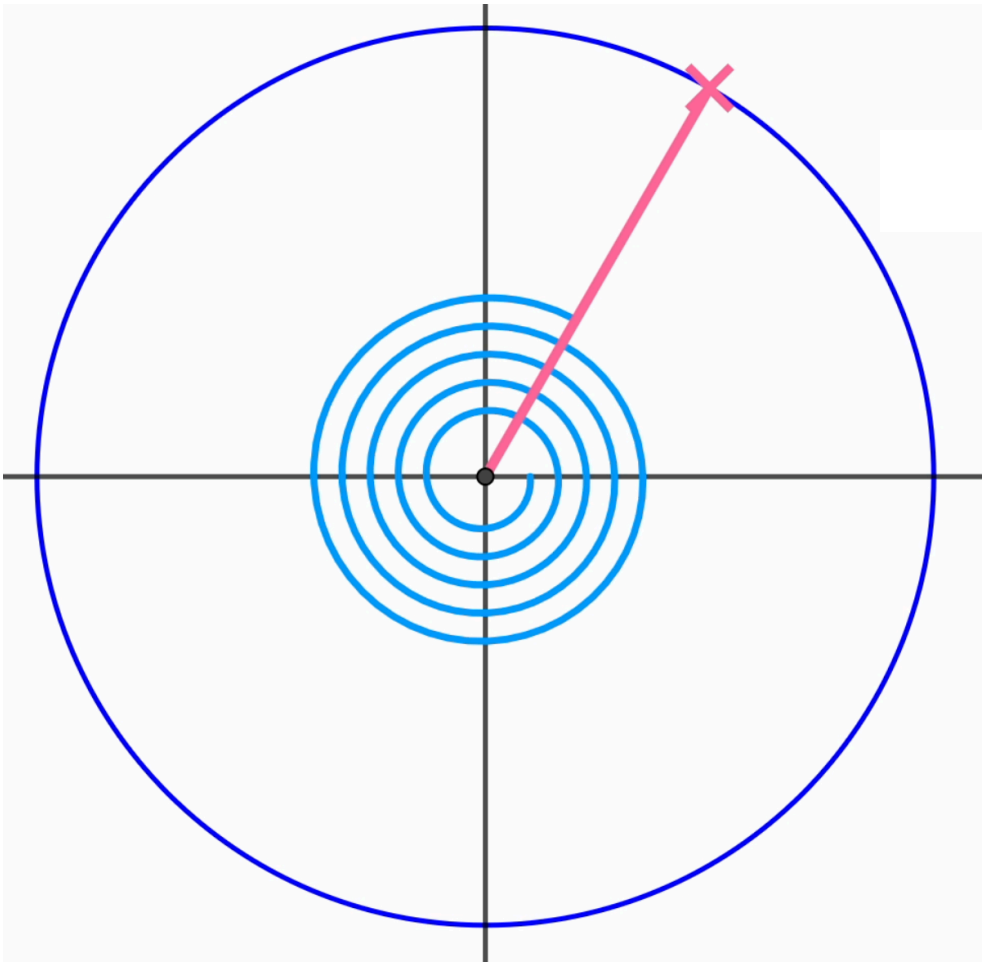


Suggest values for sin, cos, tan of -120° -240° -300° .



radical maths

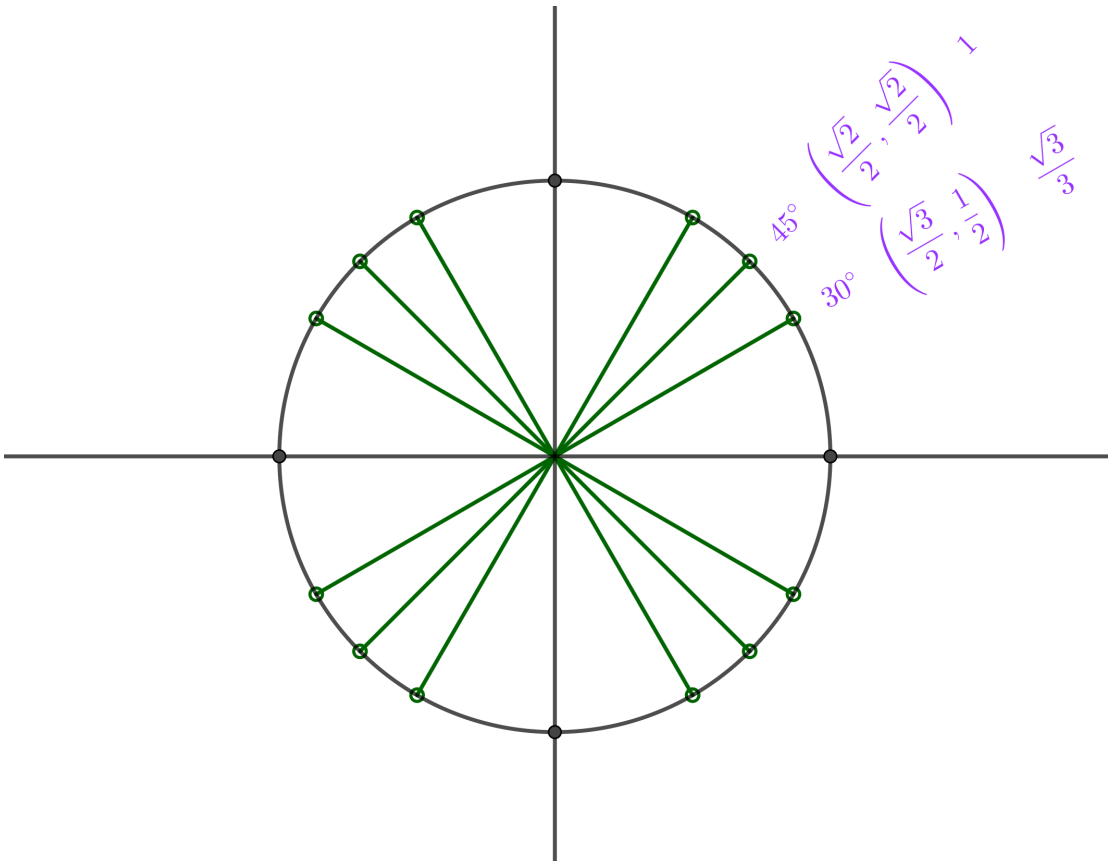
Suggest values for sin, cos, tan of $-660°$, $-1020°$ $-1380°$ $-1740°$.



radical maths

radical maths

Complete this diagram.



radical maths