

B, D, E, F and G are points on a circle.

BE is a diameter and ABC is the tangent to the circle at B .

Angle $BGO = 64^\circ$.

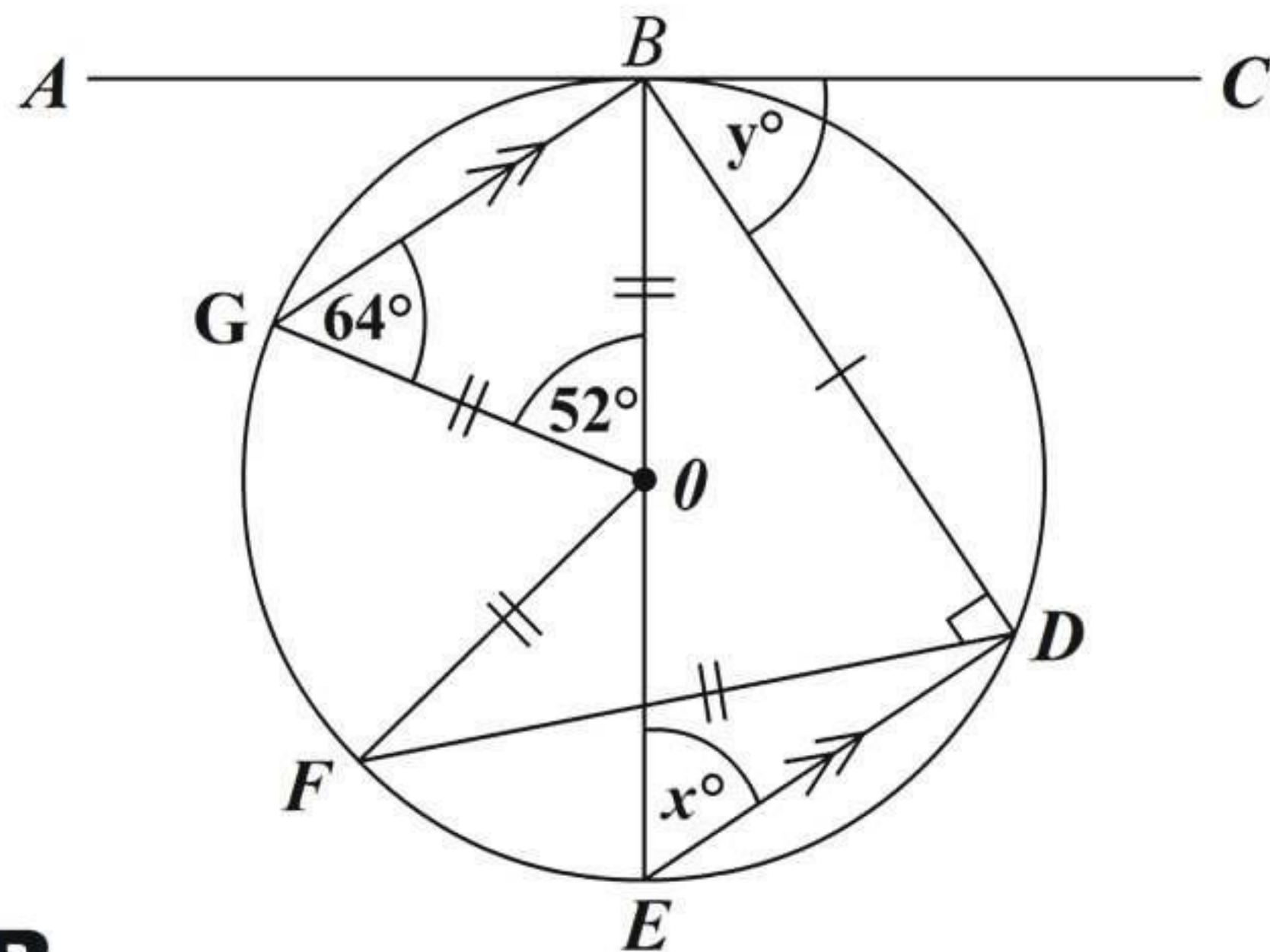
Angle $GOB = 52^\circ$.

Angle $BDE = 90^\circ$ (angle in a semi-circle = 90°)

Find the values of x and y .

A

g



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