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Collinear points

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1 Three collinear points

Let a be a half circle with base b and l a line orthogonal to b (Fig. 1).

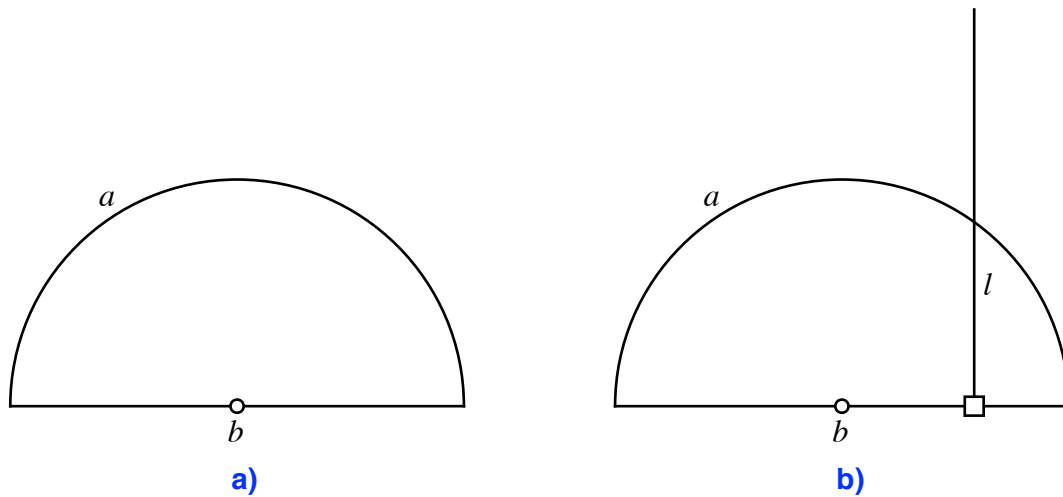


Fig. 1: Half circle and orthogonal line

We draw a circle c of arbitrary radius touching the half circle a and the line l (Fig. 2a).

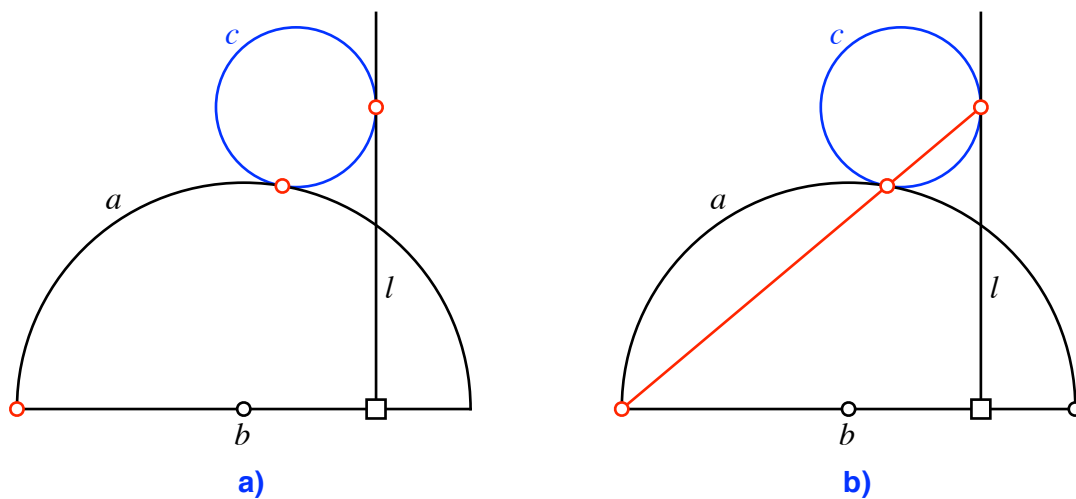


Fig. 2: A circle and three collinear points

