Roundabout Drawing: Island, Lanes, and Arrows

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

Roundabout Drawing: Island, Lanes, and Arrows

Worked example / complete source key

Draw a roundabout with island radius 3 cm and lane width 1.5 cm. Add four evenly spaced entries and exits and one direction of arrows. Show the arithmetic for the outer radius and the halfway lane boundary.

Answer: Outer radius = 3 + 1.5 = 4.5 cm. Halfway lane boundary = 1.5 ÷ 2 = 0.75 cm from the island edge. Island diameter = 6 cm; outer diameter = 9 cm. Draw the island circle, the outer circle, one dashed arc at 0.75 cm from the island edge, four labeled entry gaps, four labeled exit gaps, and short arrows all pointing the same way around the ring.