



3. Draw a circle with radius $r = 49$ mm and one diameter of this circle. Then draw the two parallel and the two perpendicular tangent lines to this diameter.

Vocabulary

Englisch	Deutsch
midpoint	Mittelpunkt
radius	Radius
diameter	Durchmesser
circle	Kreis
area of a circle	Kreisfläche
compasses	Zirkel
to draw	zeichnen
concentric circles	konzentrische Kreise
tangent	Tangente
to intersect	einander schneiden
parallel line	Parallele
intersecting line	schneidende Gerade
non-intersecting line	nicht schneidende Gerade
perpendicular line	Normale



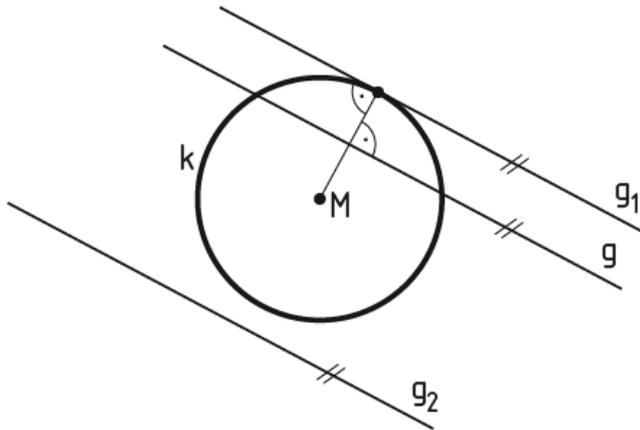


Solutions

1. for example



2. Draw a circle with radius $r = 57$ mm and a line g which intersects this circle. Then draw two parallel lines to this intersecting line g : one line should be a tangent, the other should be a non-intersecting line of the circle.



3. Draw a circle with radius $r = 49$ mm and one diameter of this circle. Then draw the two parallel and the two perpendicular tangent lines to this diameter.

