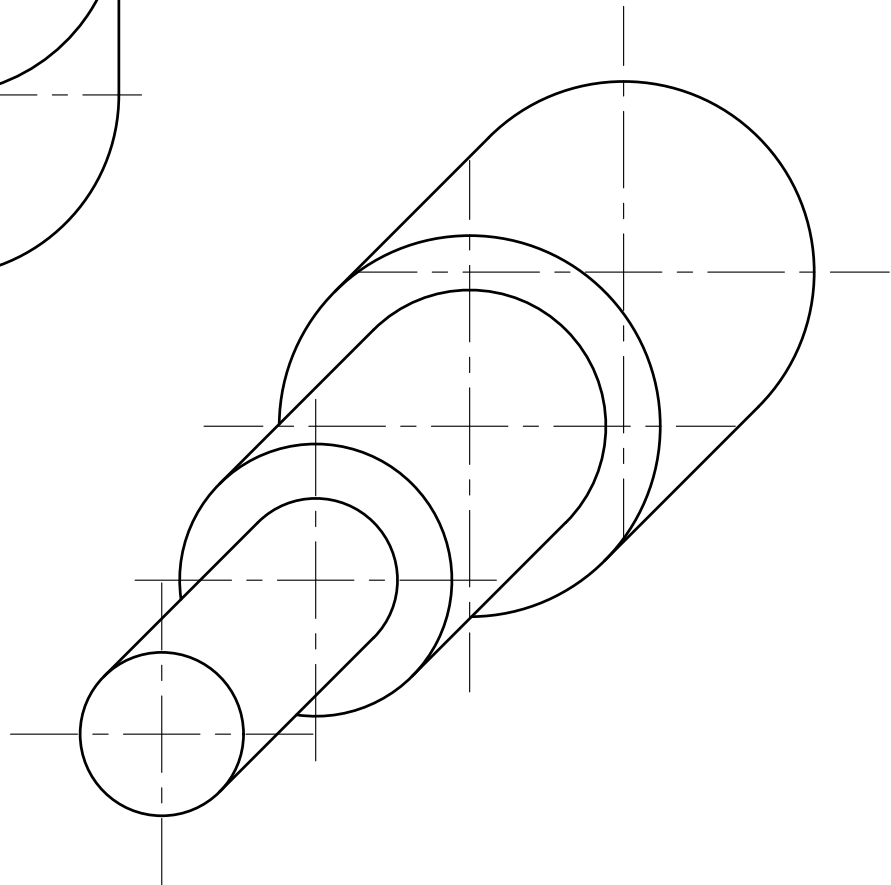
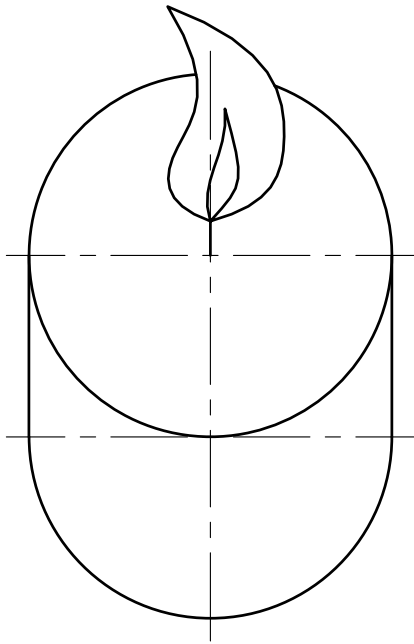


## External tangents to circles of equal size

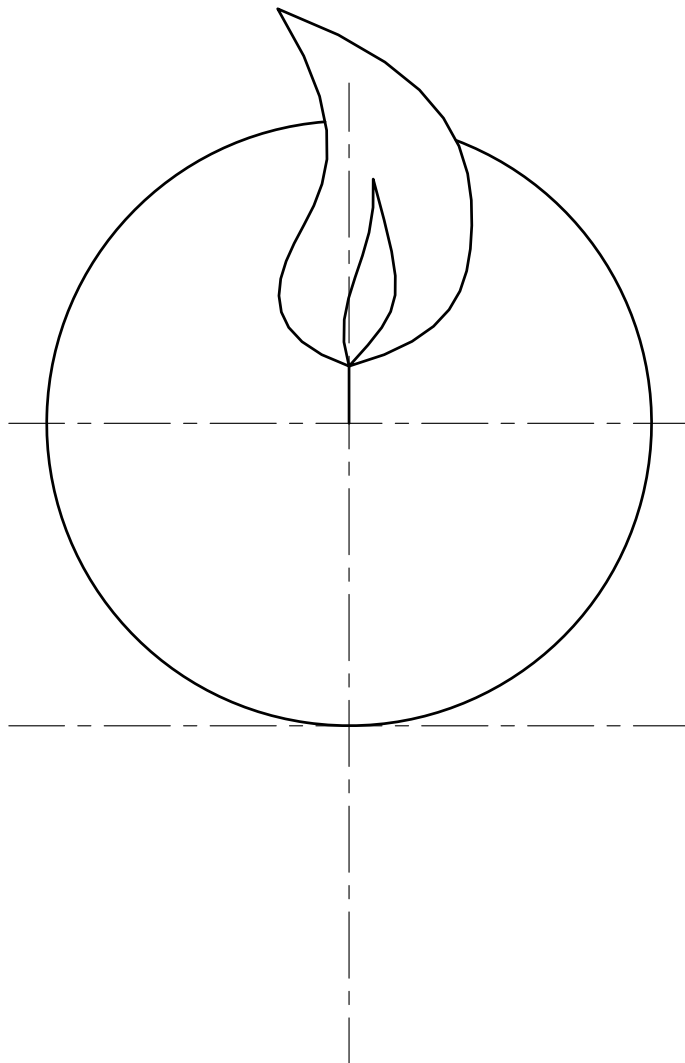
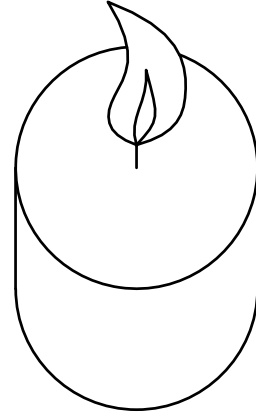
In these exercises you are required to draw external / direct tangents to circles of the same diameter.



You can visit: <https://youtu.be/VXqULSfMWak> for a step by step video of the construction method.

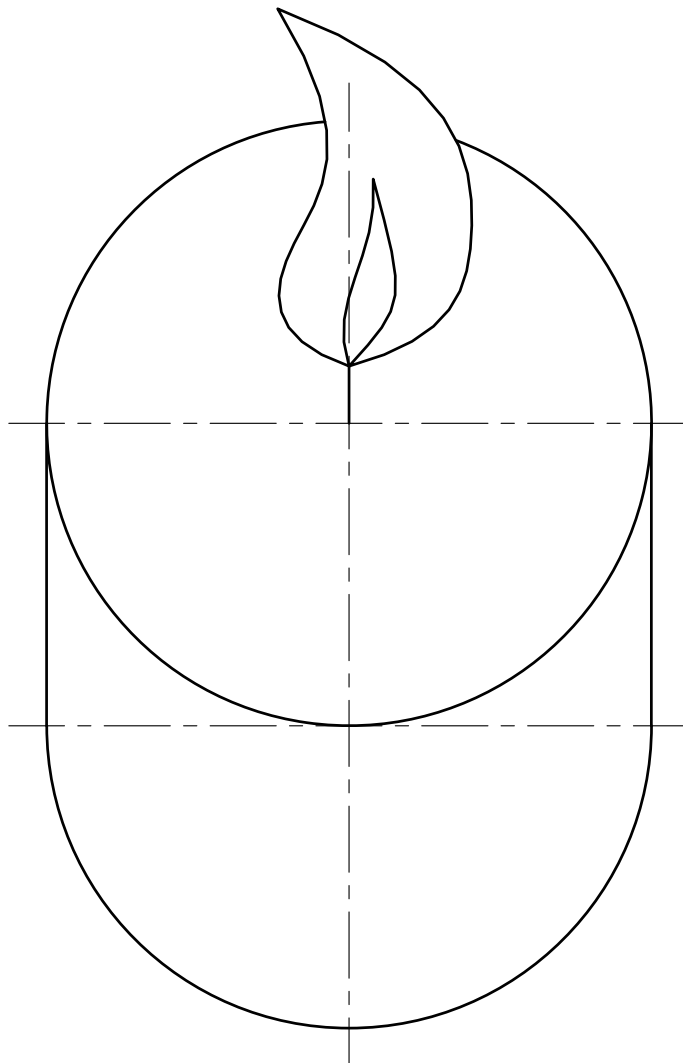
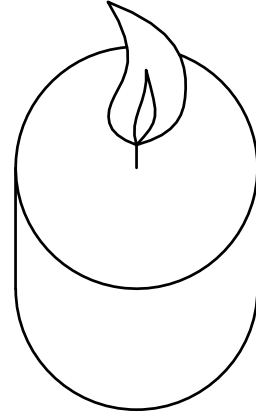
## External tangents to circles of equal size - STARTER SHEET

Complete the tealight candle by finding the points of tangency and drawing the tangents required. Mark off the points of tangency by a short dash.



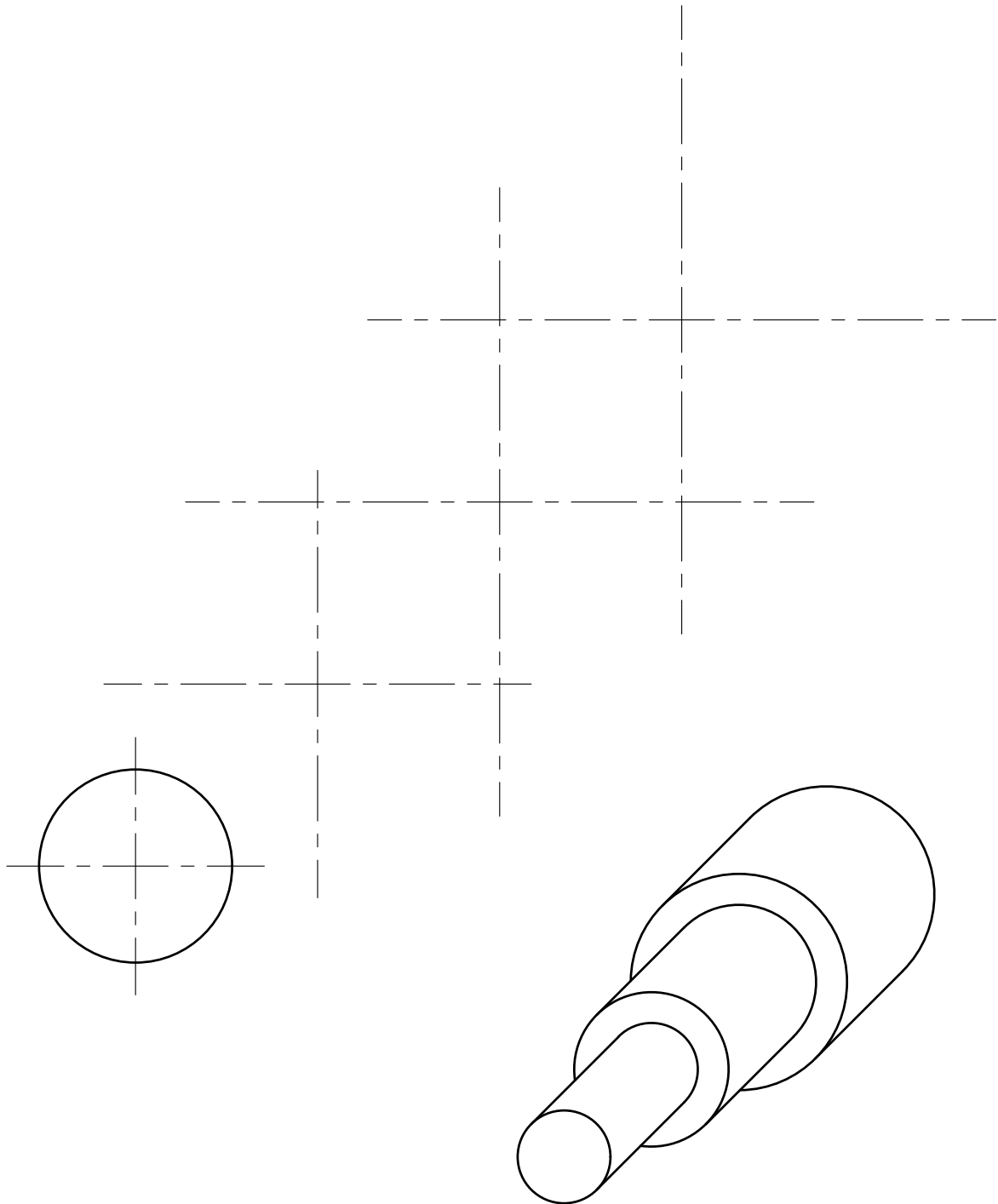
## External tangents to circles of equal size - ANSWER SHEET

Complete the tealight candle by finding the points of tangency and drawing the tangents required. Mark off the points of tangency by a short dash.



## External tangents to circles of equal size - STARTER SHEET

Complete the telescope as shown in the diagram below by finding the points of tangency. The radii of its parts are 15mm, 25mm and 35mm. Mark off the points of tangency by a short dash.



## External tangents to circles of equal size - ANSWER SHEET

Complete the telescope as shown in the diagram below by finding the points of tangency. The radii of its parts are 15mm, 25mm and 35mm. Mark off the points of tangency by a short dash.

