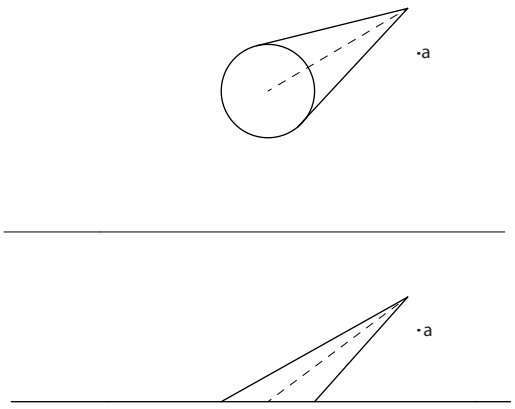
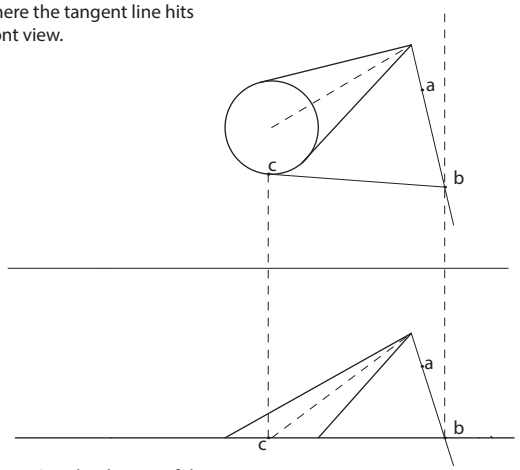
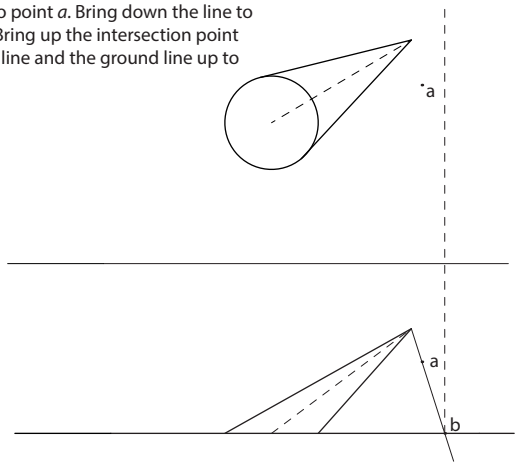
Construct a tangent plane through point *a*.



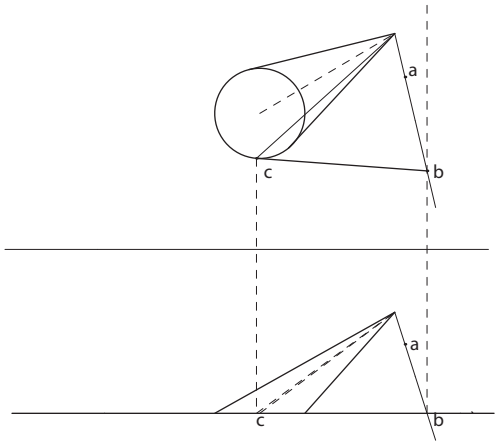
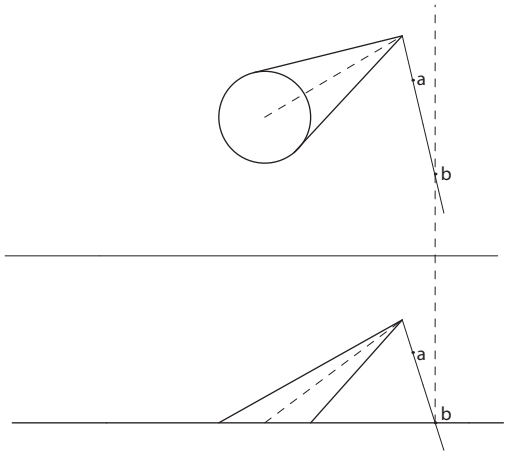
Draw a tangent line from the base of the cone in top view that goes through point b. Bring down the point where the tangent line hits the circle to the front view.



In front view, draw a line connecting the top of the cone to point *a*. Bring down the line to the ground. Bring up the intersection point between the line and the ground line up to top view.



Draw a line from point C to the the top of the cone.



In top view, draw a line that passes through point a and that intersects the vertical line from point b.