# BlocksCAD

"Analog Clock"

1 — Create the face, rim, and a post in the middle:

union — plus | difference — minus | translate X 0 Y 0 Z 0 | color
cylinder radius1 🔒 radius2 height not centered
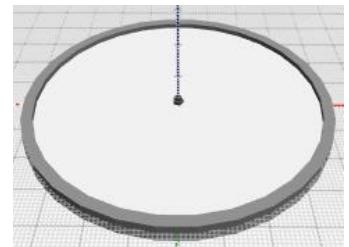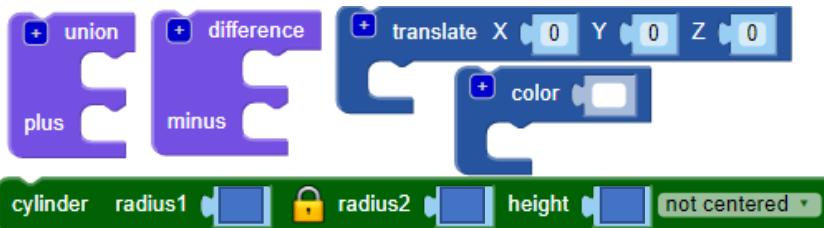
2 — Create and position the numbers:

translate X 0 Y 0 Z 0
rotate X 0° Y 0° Z 0°
count with i from 1 to by 1 (hull) 1 + 1
3D text i | size 10 | thickness 2 | font Roboto | not centered
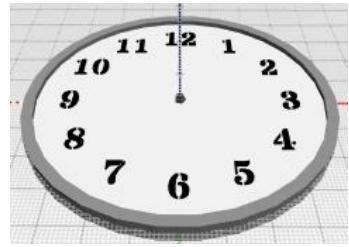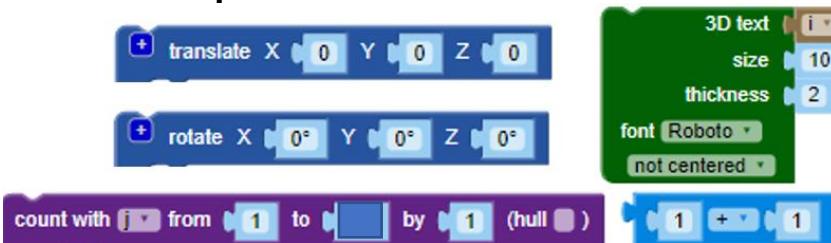
3 — Create and position the minute hand:

set Minutes to | Minutes | 1 + 1
cylinder radius1 10 🔒 radius2 10 height 10 not centered
rotate X 0° Y 0° Z 0° | translate X 0 Y 0 Z 0
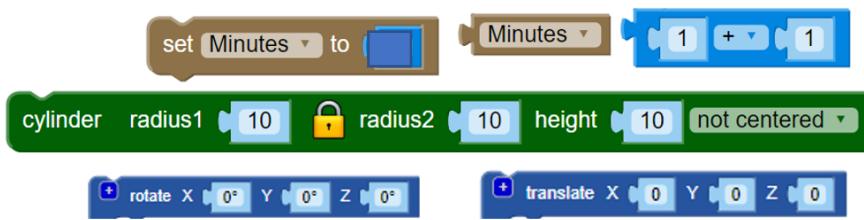
4 — Create and position the hour hand:

set Hours to | Hours | Minutes | 1 + 1
cylinder radius1 10 🔒 radius2 10 height 10 not centered
rotate X 0° Y 0° Z 0° | translate X 0 Y 0 Z 0