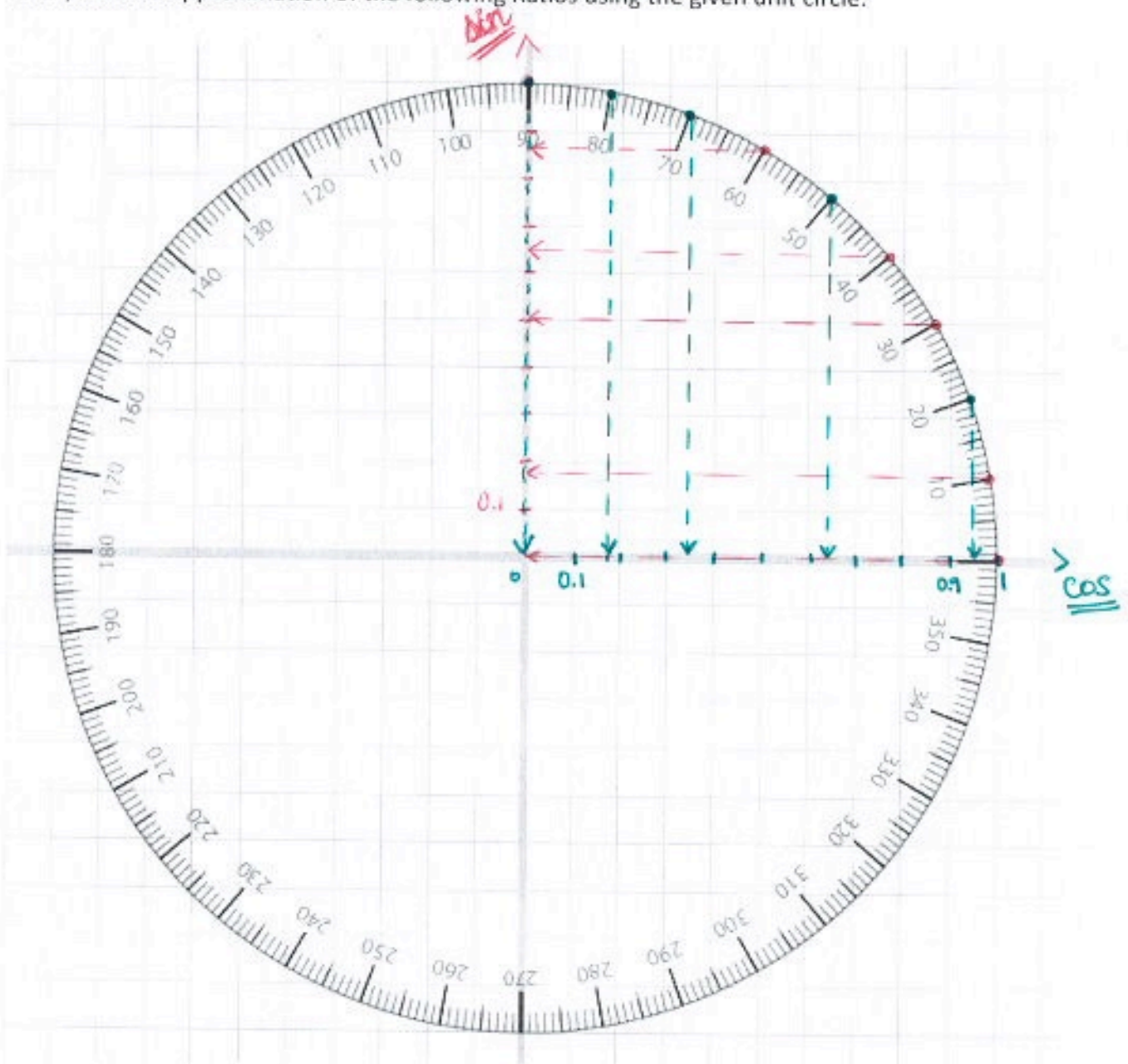


Using the unit circle to approximate trigonometric Ratios

Give your best approximation of the following Ratios using the given unit circle:



$$\cos 20^\circ \approx 0.94$$

$$\sin 30^\circ = 0.5$$

$$\sin 40^\circ \approx 0.64$$

$$\cos 50^\circ \approx 0.64$$

$$\sin 60^\circ \approx 0.87$$

$$\cos 70^\circ \approx 0.34$$

$$\cos 80^\circ \approx 0.17$$

$$\sin 90^\circ = 1$$

$$\sin 0^\circ = 0$$

$$\cos 0^\circ = 1$$

$$\sin 10^\circ \approx 0.17$$

$$\cos 90^\circ = 0$$