(1) [3 points] Sketch $\dfrac{16\pi}{3}$ in standard position.

(2) [3 points] Convert $-135°$ to radians.

(3) [3 points] Convert $\dfrac{\pi}{12}$ to degrees.

(4) [**3 points**] Compute the length of arc corresponding to an angle of $1/2$ radian in a circle of radius $r = 10$ m. State units with your answer.

(5) [**3 points**] A sector of a circle has area 2 sqare feet and corresponding central angle $1/3$ radian. What is the radius r? State units with your answer.