1) For the ray shown below, draw the standard angle and reference triangle.

2) Four identical pipes, each with a radius of 10 inches, are tied tightly together with a rope. Find the exact length of the rope.

   Straight parts: $20 \cdot 4 = 80$
   Curved parts: $2\pi \cdot 10$ (One full circle, albeit split into 4 parts)

   Total length: $80 + 20\pi$

3) Three identical pipes, each with a radius of 10 inches, are tied tightly together with a rope. Find the exact length of the rope.

   Straight parts: $20 \cdot 3 = 60$
   Curved parts: $2\pi \cdot 10$ (One full circle, albeit split into 3 parts)

   Total length: $60 + 20\pi$