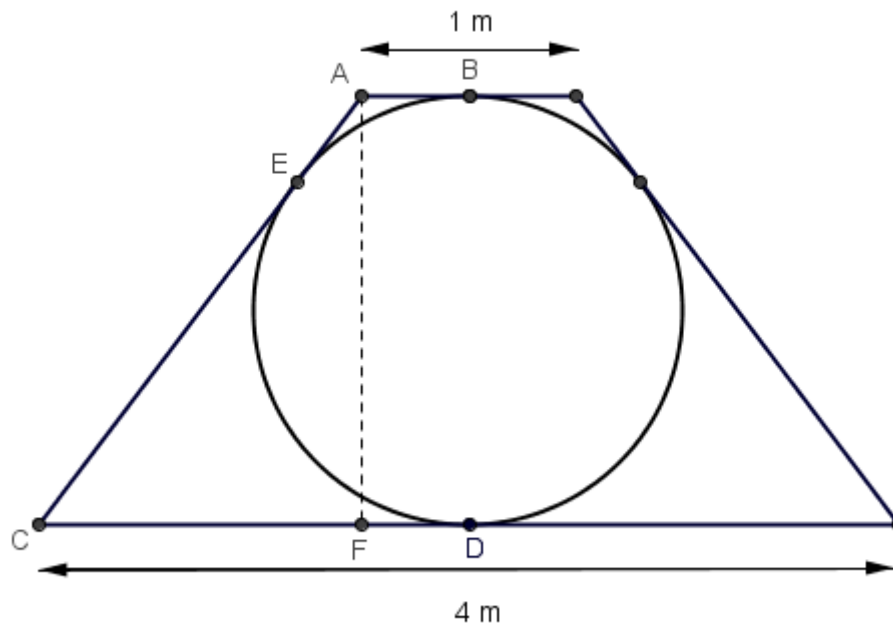


PIPELINE GEOMETRY - OPGELOST



$$|AB| = |AE| = 0,5$$

$$|CD| = |CE| = 2$$

$$|AC| = 2,5$$

$$|CF| = 1,5$$

$$\text{In } \triangle AFE: |AF|^2 = 2,5^2 - 1,5^2 = 4 \Rightarrow |AF| = 2$$

Dan is de straal van de cirkel 1 en de oppervlakte ervan is π .