

### ΕΝΔΕΙΚΤΙΚΕΣ ΑΠΑΝΤΗΣΕΙΣ

$$\alpha) A = \frac{\pi * d^2}{4} = \frac{3,14 * (2 \text{ cm})^2}{4} = \frac{3,14 * 4 \text{ cm}^2}{4} = 3,14 \text{ cm}^2$$

$$\beta) \sigma = \frac{F}{A} = \frac{3.140 \text{ daN}}{3,14 \text{ cm}^2} = \frac{314000 \text{ daN}}{314 \text{ cm}^2} = 1000 \frac{\text{daN}}{\text{cm}^2}$$