1) a: 30°

$$180 - \pi$$
$$30 - x$$

$$180x = 30\pi$$
$$x = \frac{30\pi}{180}$$

$$x = \frac{3\pi}{18} \rightarrow x = \frac{1\pi}{6} \text{ grad}$$

b: 45

$$180 - \pi$$
$$45 - x$$

$$45\pi = 180x$$
$$\frac{45\pi}{180} = x$$

$$\frac{\pi}{4} = x$$

c: 60

$$180 - \pi$$
$$60 - x \quad \rightarrow \quad 180x = 60\pi$$
$$x = \frac{60\pi}{180}$$

$$x = \frac{\pi}{3} \text{ grad}$$