

no1

$$a) A = \pi(2)^2 \\ = \pi(4)$$

$$A = 12,57 \text{ cm}^2$$

$$b) A = \pi(7)^2 \\ = \pi(49)$$

$$A = 153,94 \text{ cm}^2$$

$$c) A = \pi(7)^2$$

$$A = 153,94 \text{ cm}^2$$

$$d) A = \pi(15)^2 \\ = \pi(225)$$

$$A = 706,86 \text{ cm}^2$$

no2

$$a) A = \pi r^2 \\ = \pi(3)^2$$

$$A = 28,27 \text{ cm}^2$$

$$b) A = \pi r^2$$

$$A = \pi(6)^2$$

$$A = 113,10 \text{ cm}^2$$

$$r = \frac{12}{2}$$

$$r = 6 \text{ cm}$$

$$d) A = \pi(9)^2$$

$$A = 254,47 \text{ cm}^2$$

$$d) A = \pi(12)^2$$

$$A = 452,39 \text{ cm}^2$$

$$r = \frac{24}{2}$$

$$r = 12$$

no3

a) d'aire st quadruplée (4x)

b) d'aire st 9x plus grande

c) d'aire st 16x plus grande