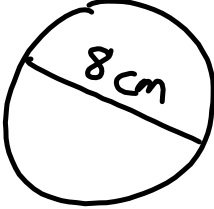
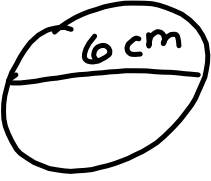
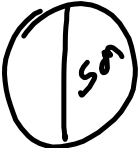


1. a)   $C = \pi d$   
 $= 3(8)$   
 $= 24 \text{ cm estimation}$

$C = \pi d$   
 $C = 3,14(8 \text{ cm})$   
 $C = 25,1 \text{ cm}$

b)   $C = \pi d$   
 $= 3(6)$   
 $= 18 \text{ cm}$

$C = \pi d$   
 $= 3,14(6 \text{ cm})$   
 $= 18,8 \text{ cm}$

c)   $C = \pi d$   
 $= 3(5)$   
 $= 15 \text{ cm}$

$C = \pi d$   
 $= 3,14(5 \text{ cm})$   
 $= 15,7 \text{ cm}$

d)  $C = \pi d$   
 $= (3) 9,8 \text{ cm}$

$C = \pi d$   
 $= (3,14) 9,1 \text{ cm}$

e)  $27 \text{ cm}$

$= 28,5 \text{ cm}$


$C = \pi d$   
 $C = 3 \times 3$

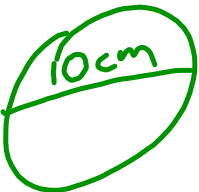
$C = \pi d$   
 $C = 3,7(3,14)$


$C = 11,6$

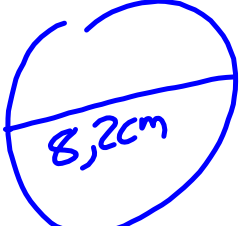
$C = \pi d$   
 $C = (3,14) 5 \text{ cm}$   
 $C = 14,1$


$C = \pi d$   
 $= 3(5)$   
 $= 15 \text{ cm}$

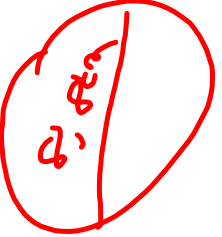
7.   $r = \frac{d}{2}$   
 $r = \frac{12\text{cm}}{2}$   
 $r = 6\text{cm}$

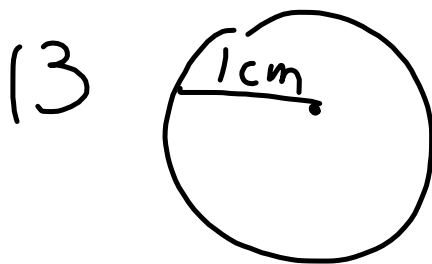
8)   $r = \frac{d}{2} = \frac{10\text{cm}}{2} = 5\text{cm}$

9)   $r = \frac{d}{2} = \frac{16\text{cm}}{2} = 8\text{cm}$

10)   $r = \frac{d}{2} = \frac{8,2\text{cm}}{2} = 4,1\text{cm}$

11)   $r = \frac{d}{2} = \frac{13,4\text{cm}}{2} = 6,7\text{cm}$

12)   $r = \frac{d}{2} = \frac{8,8\text{cm}}{2} = 4,4\text{cm}$



$$\begin{aligned}C &= 2\pi r \\ &= 2(3,14)(1\text{cm}) \\ &= 6,3\text{cm}\end{aligned}$$



$$\begin{aligned}C &= 2\pi r \\ &= 2(3,14)(2,2\text{cm}) \\ &= 13,8\text{cm}\end{aligned}$$



$$\begin{aligned}C &= 2\pi r \\ C &= 2(3,14)(7,6\text{cm}) \\ &= 47,7\text{cm}\end{aligned}$$

$$C = 2\pi r$$
$$C = 2(3,14)(3,9\text{cm})$$
$$= 24,5\text{cm}$$

$$17) C = 2\pi r$$
$$= 2(3,14)14\text{mm}$$
$$= 87,9\text{mm}$$

$$18) C = 2\pi r$$
$$= 2(3,14)4,1\text{m}$$
$$25,7\text{m}$$

$$19) C = 2\pi r$$
$$= 2(3,14)(8,1\text{cm})$$
$$= 50,9\text{cm}$$

$$20) C = 2\pi r$$
$$= 2(3,14)3,9\text{mm}$$
$$= 24,5\text{mm}$$