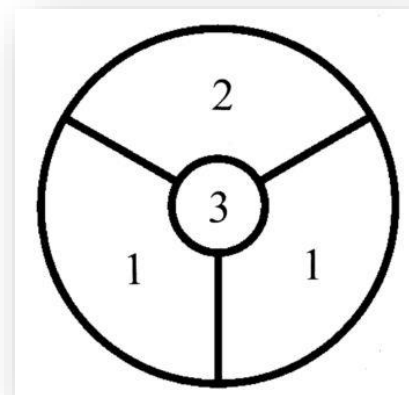
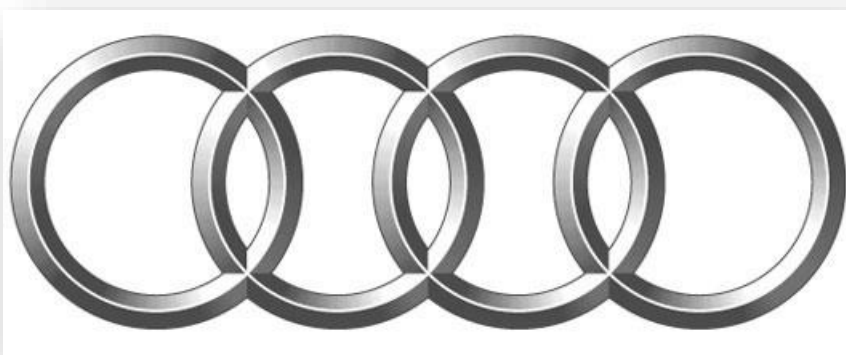
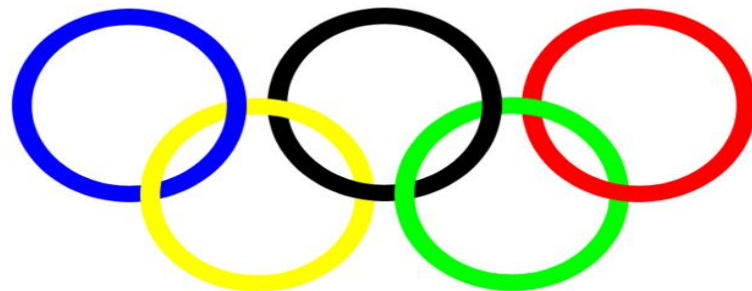
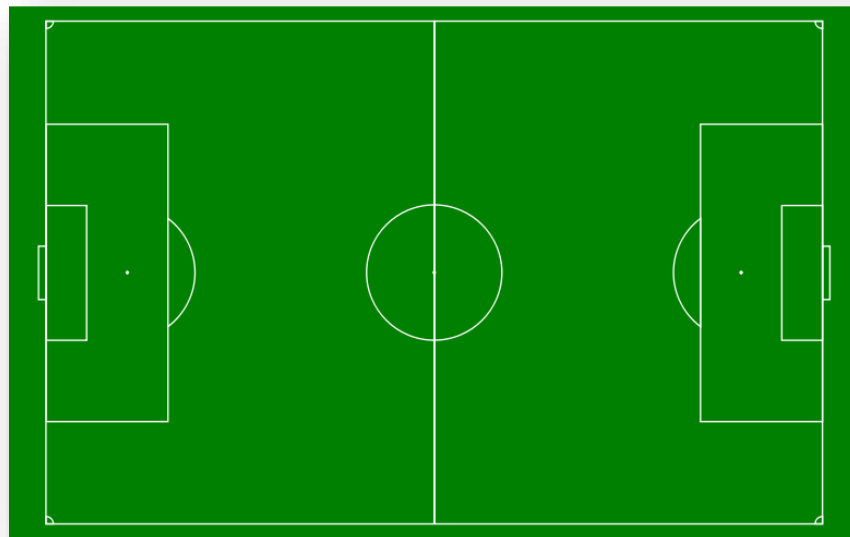
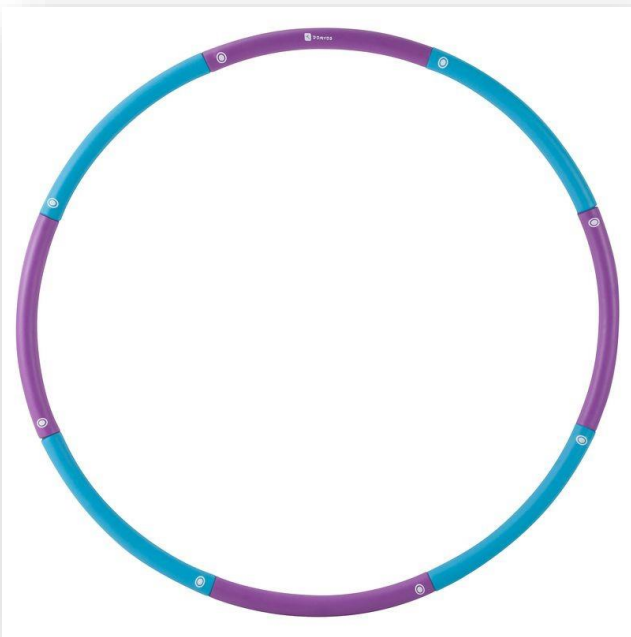


KRUG I KRUŽNICA

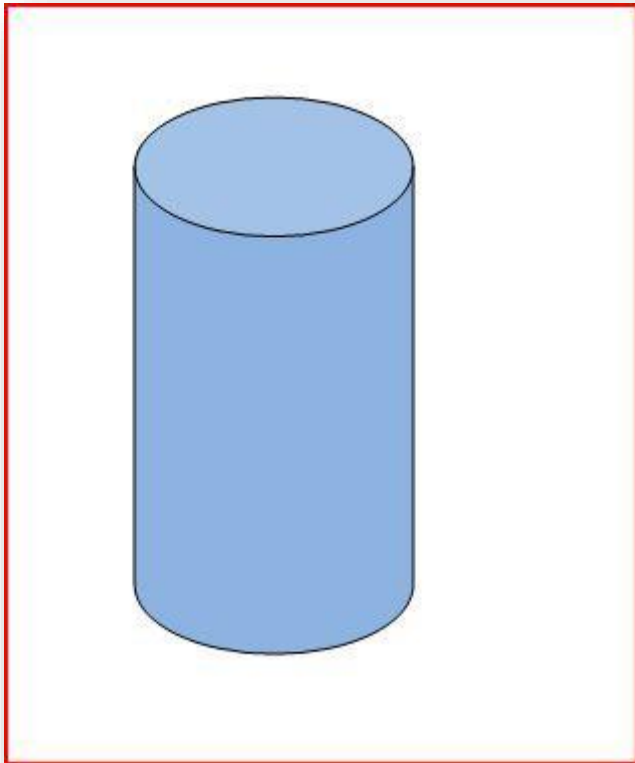
Krugovi u svakidašnjem životu



Krugovi i sport

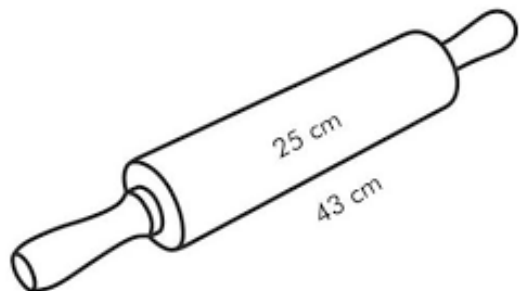


Valjak

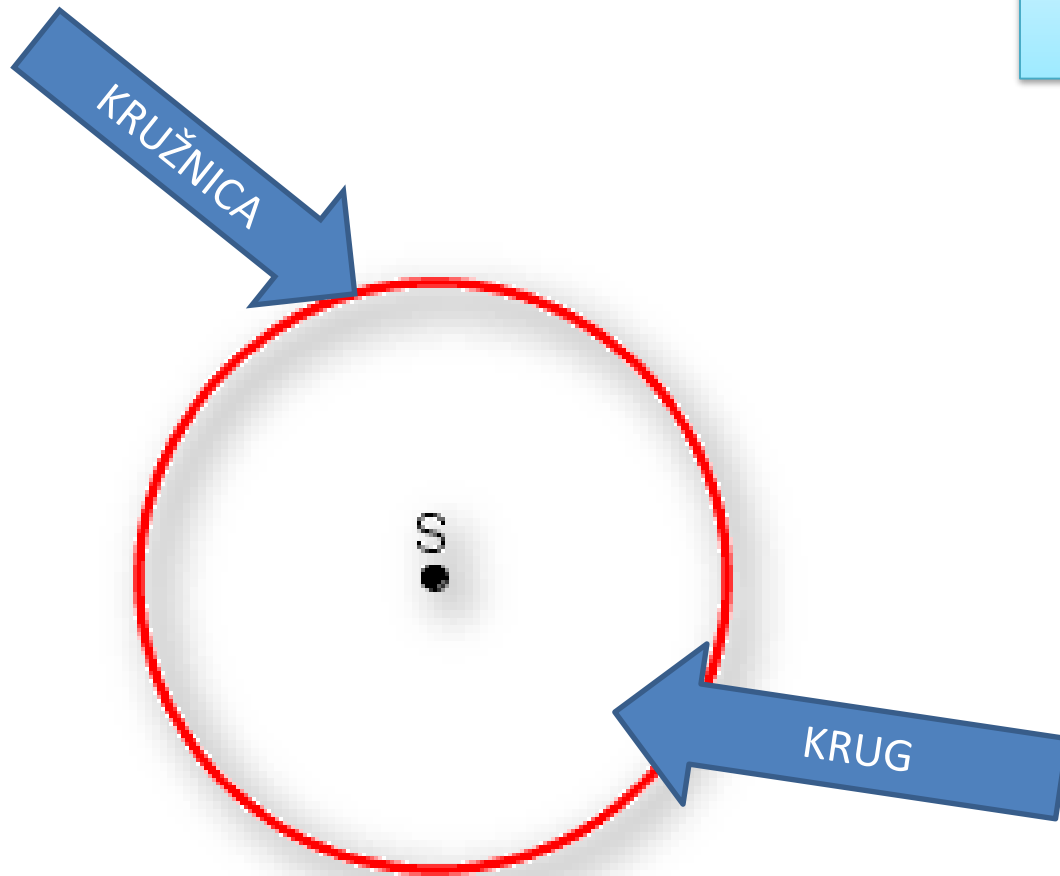


Ravne plohe valjka
imaju oblik **kruga**.

Oblici valjka

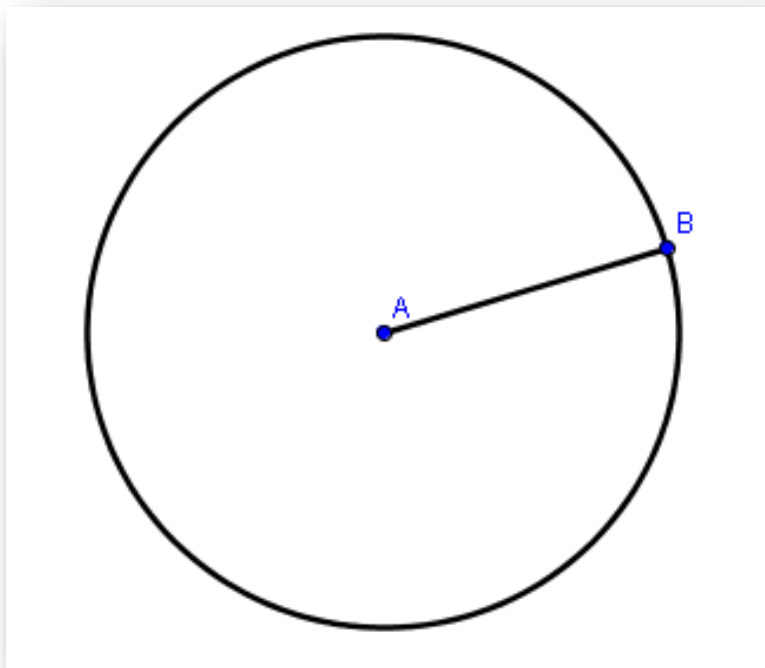


Krug



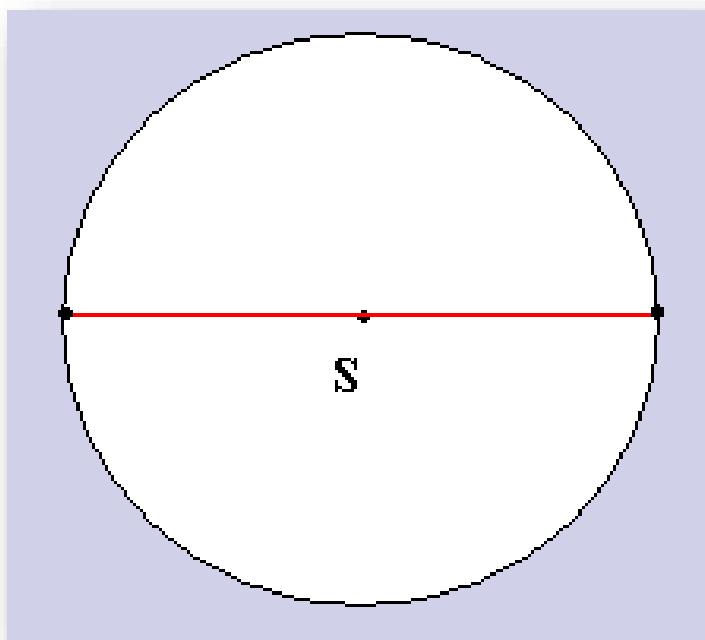
Krug je dio ravnine omeđen kružnicom.
Središte **S** kružnice ujedno je i središte tog kruga.

Polumjer kruga i kružnice



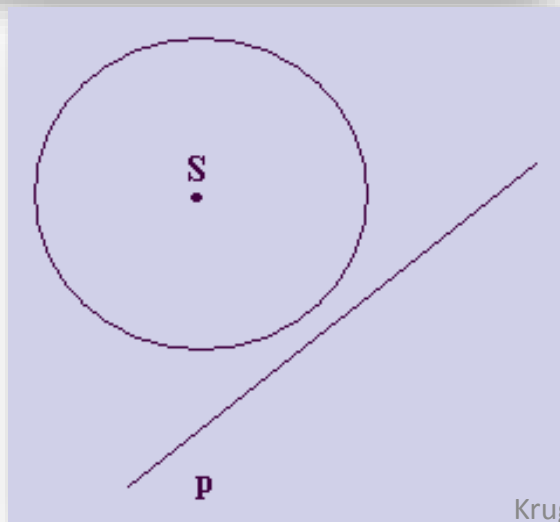
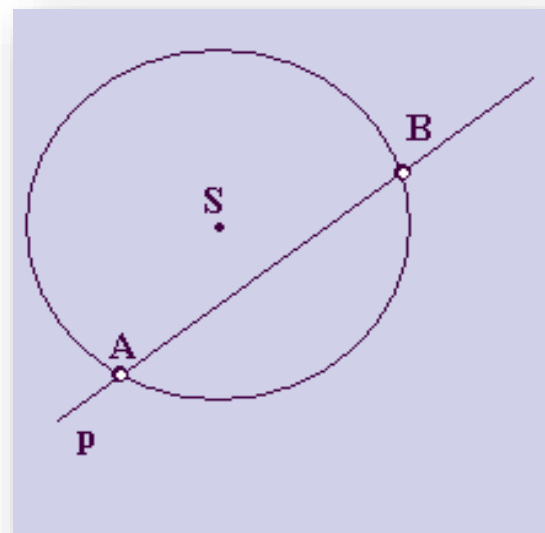
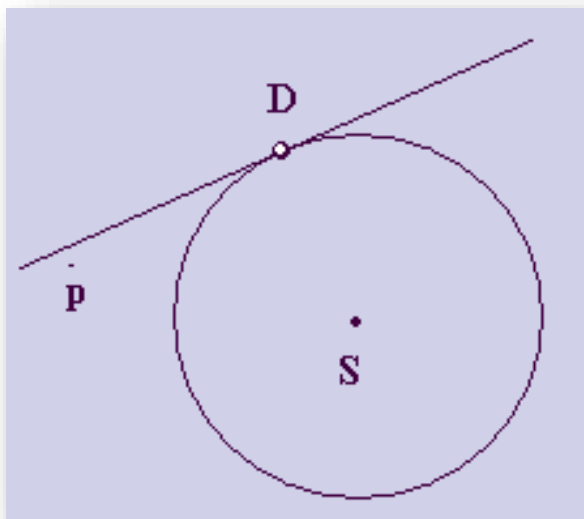
Dužina koja spaja središte kruga i kružnice s jednom točkom kružnice zove se **polumjer kruga i kružnice.**

Promjer kruga i kružnice



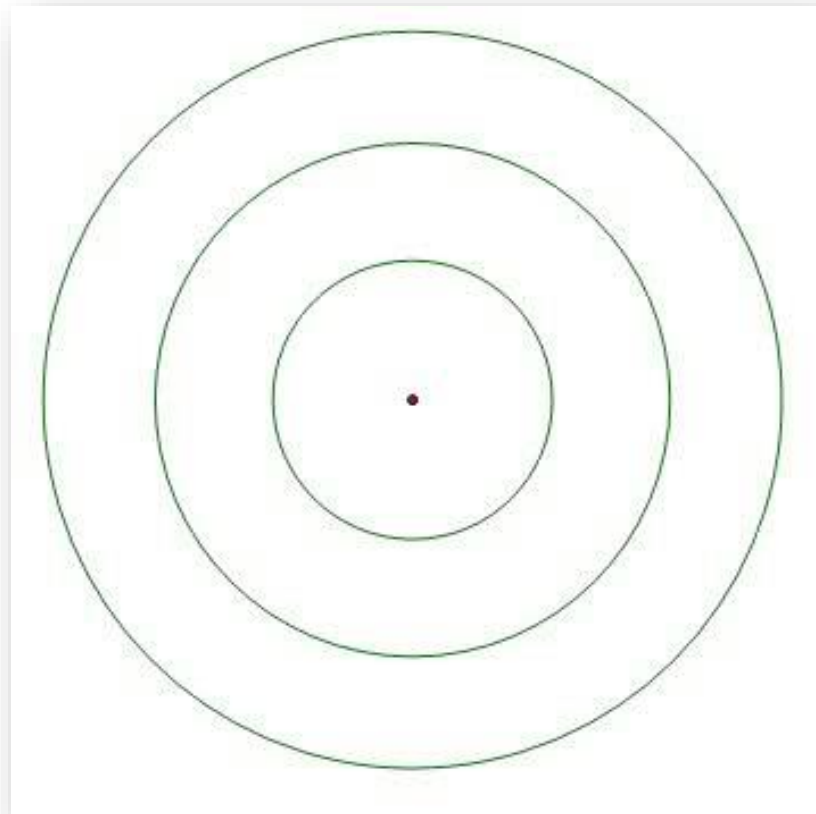
Dužina koja prolazi središtem kruga i kružnice i spaja dvije točke kružnice zove se **promjer kruga i kružnice.**

Krug, kružnica i pravac mogu imati



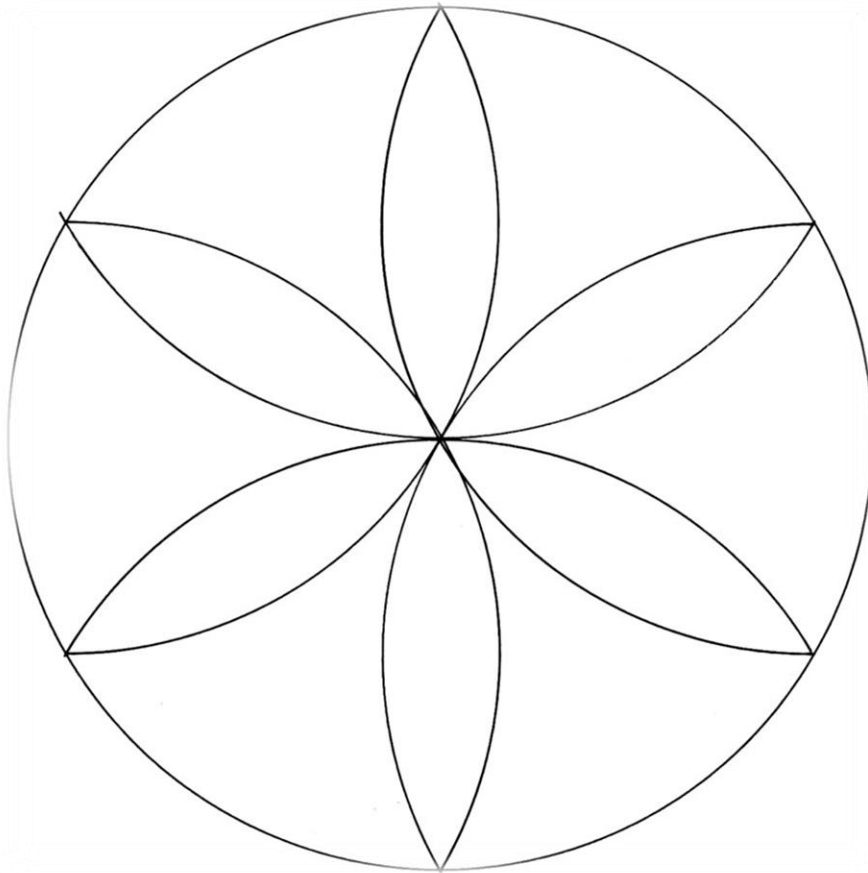
Kružnica i pravac mogu imati **jednu, dvije ili niti jednu zajedničku točku.**

Koncentrične kružnice

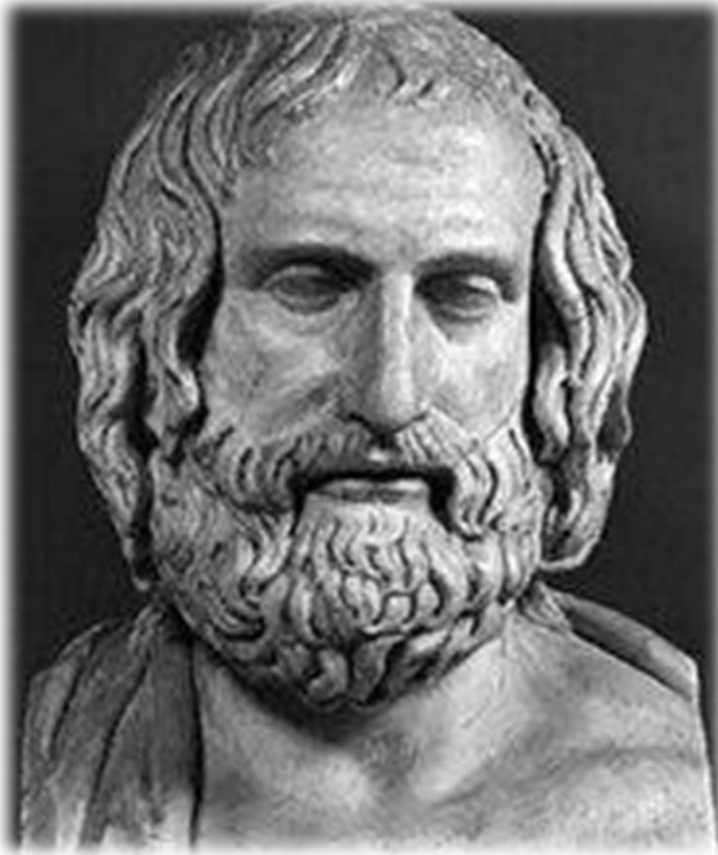


Kružnice koje imaju
zajedničko središte.

Igrajmo se šestarom



Arhimed



Arhimed bio je grčki fizičar,
astronom i jedan od najvećih
matematičara starog vijeka.
(287. – 212. pr. Kr.)

Ne dirajte moje krugove!



Arhireda je neposredno prije pada grada Sirakuze ubio rimski vojnik dok je u svojem vrtu rješavao neki geometrijski problem iznad krugova nacrtanih u pijesku.

Tom je prilikom navodno izrekao svoje posljednje riječi koje su do nas došle u latinskom prijevodu: **Noli turbare (tangere) circulos meos.**

Na grobu Arhimeda urezana su njegova najdraža geometrijska tijela – kugla i valjak.



**Izradio: učitelj Dario
Šperkov
OŠ braće Radića,
Bračević
PŠ Crivac
Šk. god. 2015./ 2016.**