

# Površina kruga

**Obrazovno-vaspitni ishod:** -znaju kako se dobija formula za površinu kruga  
- primjenjuju formulu na zadacima

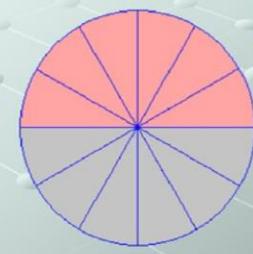
**Upustvo:** Odgledati video materijal <https://www.youtube.com/watch?v=n2syvokvJdM> i prepisati formulu i zadatke u školskim sveskama.

**Školski i domaći rad se šalju u period od 18-19h.**

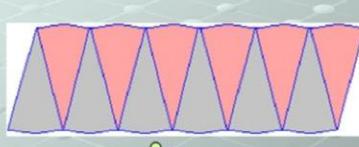
**Domaći:** Zbirka zadataka str.114: **1093(a), 1094(a), 1096(a).**

**Površina kruga**

Formula za izračunavanje površine kruga.



A diagram of a circle divided into several equal sectors, illustrating how it can be approximated by a parallelogram.



A diagram showing a single sector of the circle being approximated by a parallelogram.

Površina kruga=površina palarelograma=duljina stranice· duljina visine na tu stranicu =  $r \cdot \pi \cdot r = r^2 \pi$

$$P = r^2 \cdot \pi$$