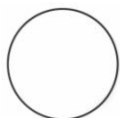
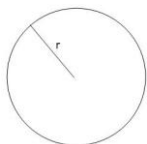


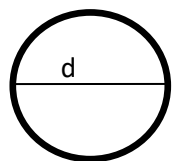
Exercise 1. How to say in English?



obwód koła -



promień koła -



średnica koła -

prędkość -

ruch jednostajny -

tor -

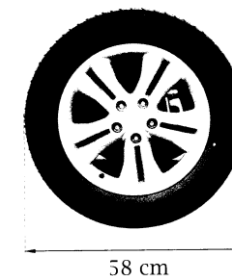
ruch po okręgu -

Exercise 2. Calculate the circumference of the objects shown on the picture below. Assume that $\pi \approx 3.14$. Give the result in centimeters.

A.



B.



Exercise 3. Calculate the Earth's velocity in a circular motion around the Sun. Assume the time of circular motion around the Sun 365,25 days and average distance between the Earth and the Sun 150 000 000 km.

Exercise 4. Experimental unmanned X-43A plane reaches the speed of $11\,200 \frac{\text{km}}{\text{h}}$. Calculate how long it takes this aircraft to fly the globe along the equator. The radius of the Earth is 6378 km.