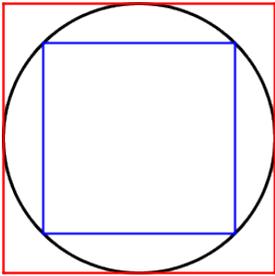
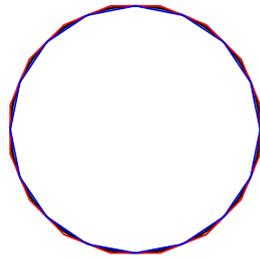


## Umfang des Kreises



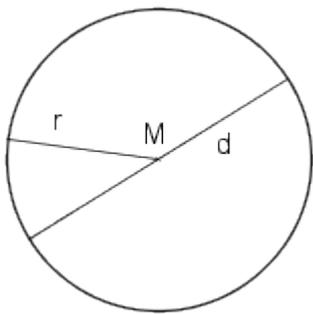
$$\frac{\text{Mittelwert der Umfänge}}{\text{Durchmesser}} = 3,414$$



$$16\text{-Eck: } \frac{\text{Mittelwert der Umfänge}}{\text{Durchmesser}} = 3,152$$

32-Eck

$$\frac{\text{Mittelwert der Umfänge}}{\text{Durchmesser}} = 3,144$$

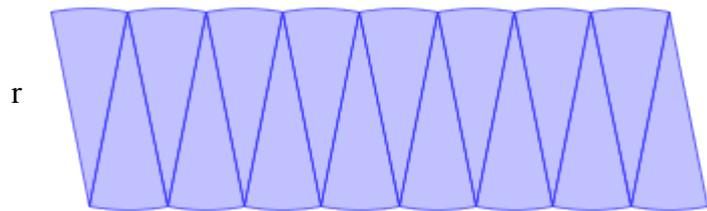
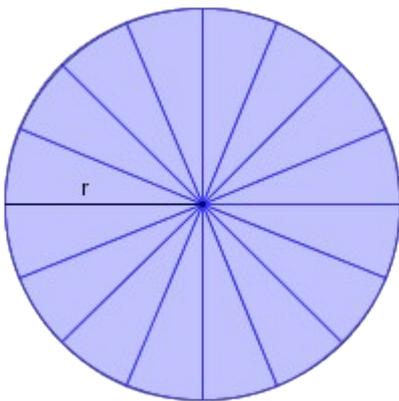


Umfang = \_\_\_\_\_

$u =$  \_\_\_\_\_

Kreiszahl  $\pi \approx$  \_\_\_\_\_

## Flächeninhalt des Kreises



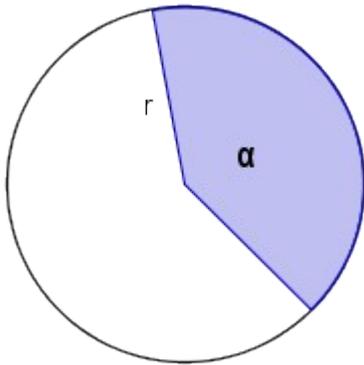
halber Umfang

Rechtecksfläche = \_\_\_\_\_

Kreisfläche = \_\_\_\_\_

$A =$  \_\_\_\_\_

## Kreissektor



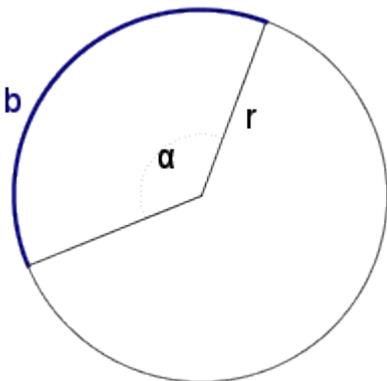
Fläche des Kreissektors = \_\_\_\_\_

$$A = \underline{\hspace{2cm}}$$

Fläche des Kreissektors = \_\_\_\_\_

$$A = \underline{\hspace{2cm}}$$

## Kreisbogen



Länge des Kreisbogens = \_\_\_\_\_

$$b = \underline{\hspace{2cm}}$$