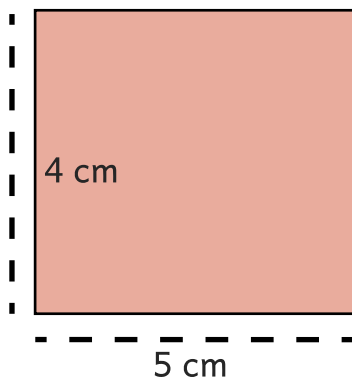


Areal

En overflades størrelse kaldes for areal. Omkreds er det der er rundt om, hvor areal er det som er indeni.

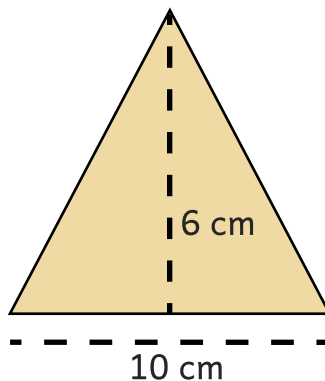
Man kan eksempelvis tale om arealet af en fodboldbane eller en seng.

Arealet for en firkant udregnes på én måde, trekant på en anden og cirkel på en helt tredje.



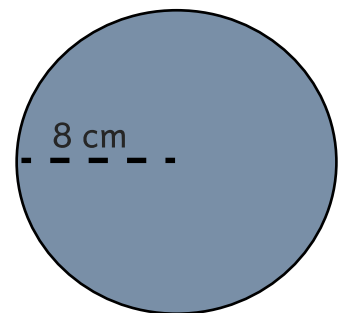
længde x bredde

$$5 \times 4 = 20 \text{ cm}^2$$



grundlinje x højde x 0,5

$$10 \times 6 \times 0,5 = 30 \text{ cm}^2$$

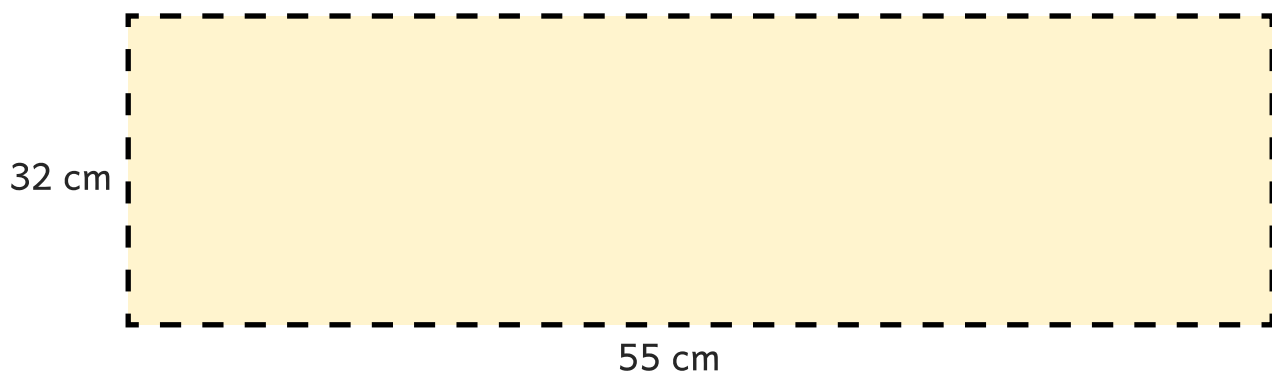
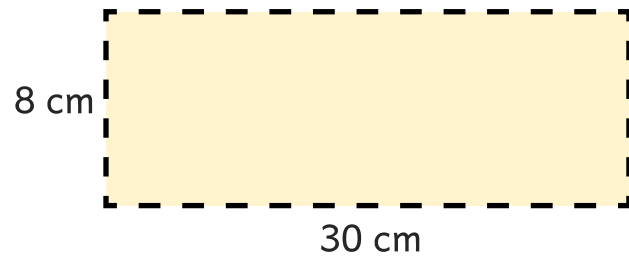
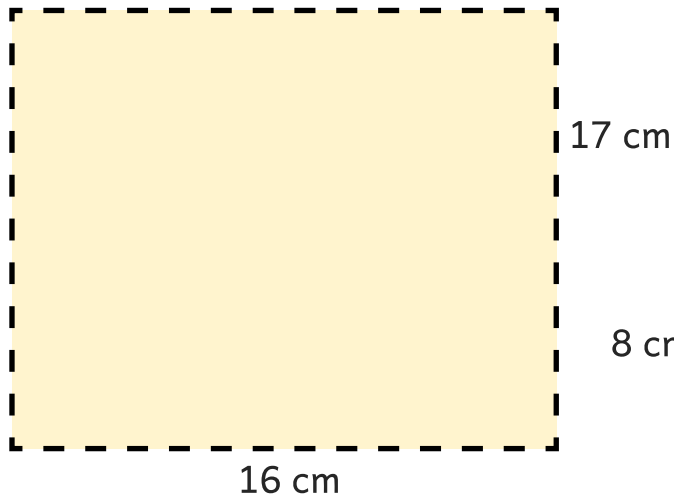
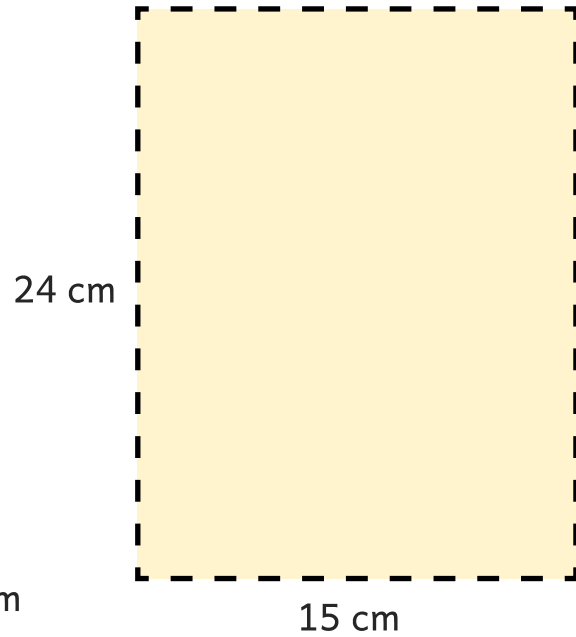
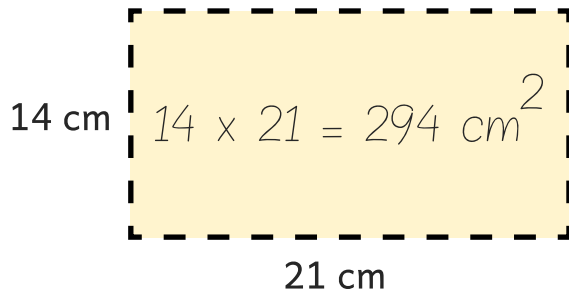


radius² x π

$$8^2 \times 3,14 = 201 \text{ cm}^2$$

Areal

Udregn arealet for de forskellige firkanter.

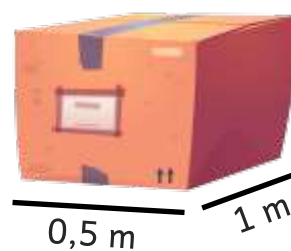


Areal

Det er store flyttedag. Du skal finde ud af hvor mange flyttekasser, der kan være i bunden af flyttebilen.



Bilen er 7 meter lang og 4 meter bred.



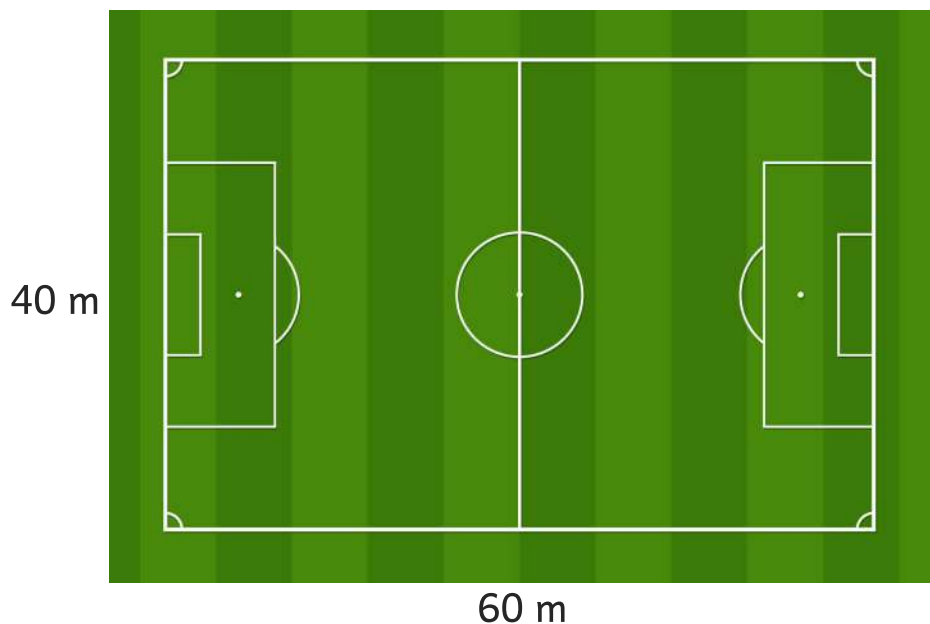
Hvad er arealet for en flyttekasse?

Hvor mange flyttekasser kan der være i bunden af flyttebilen?

Areal

Der er fodboldtræning, men der er sket en fejl i bookingen. Holdene skal nu deles om den store bane. Den store bane skal derfor inddeles i flere mindre fodboldbaner.

Den store bane



Den lille bane

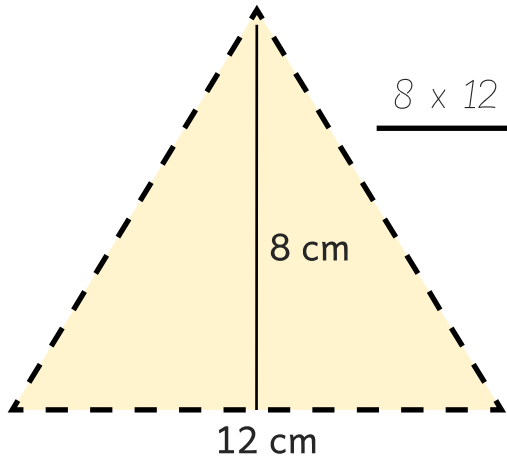


Hvad er arealet for den lille bane?

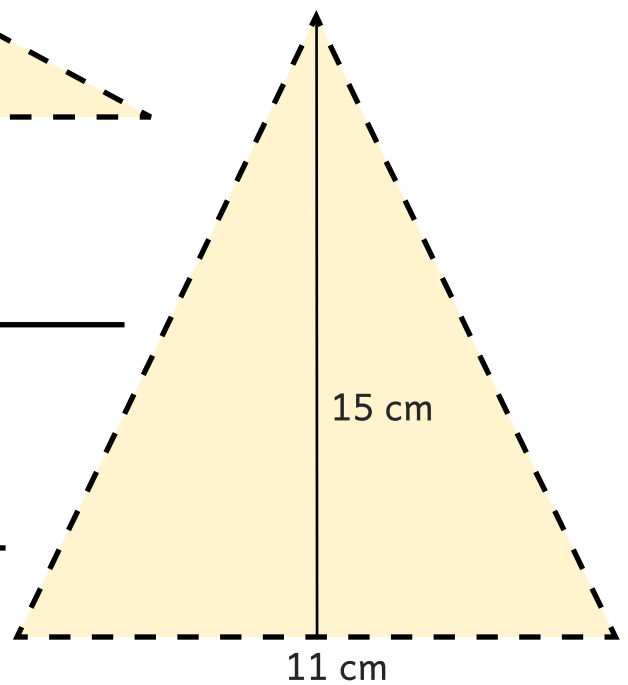
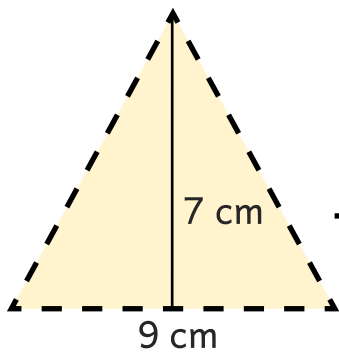
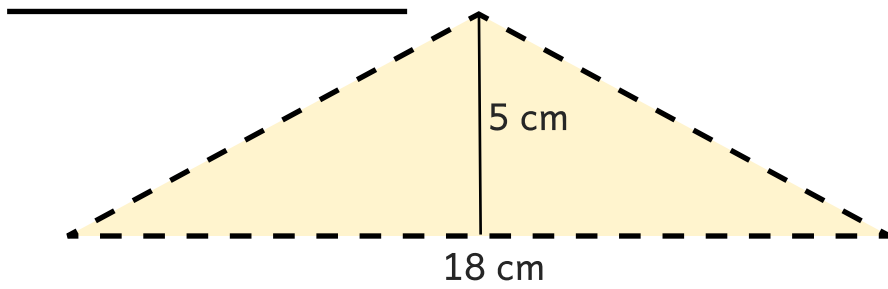
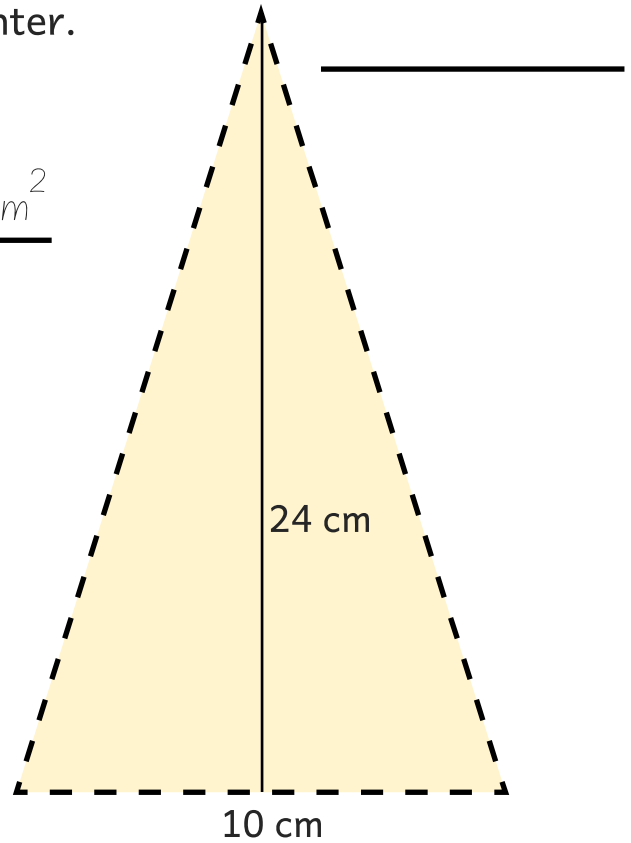
Hvor mange baner kan der laves på den store bane?

Areal

Udregn arealet for de forskellige trekanter.

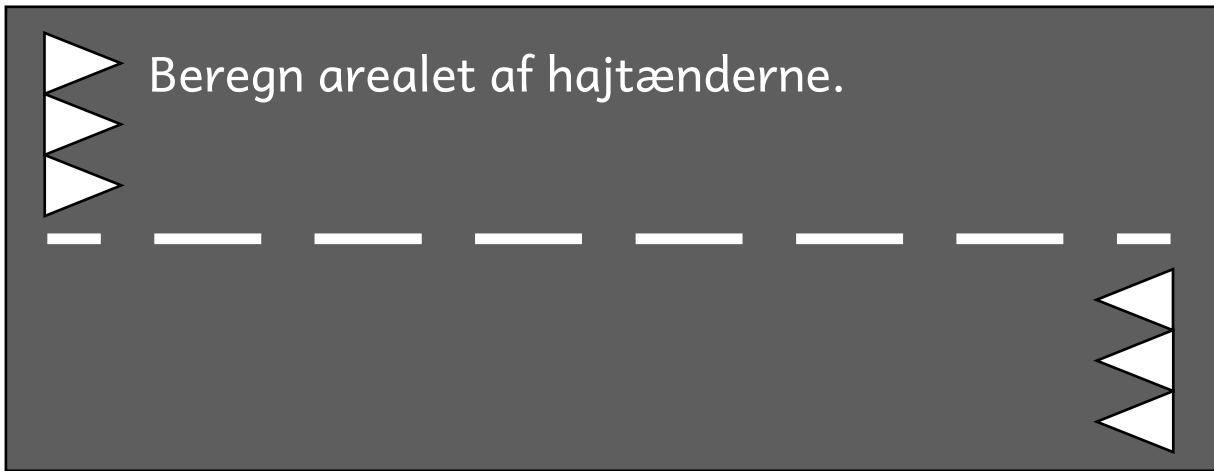


$$\underline{8 \times 12 \times 0,5 = 48 \text{ cm}^2}$$



Areal

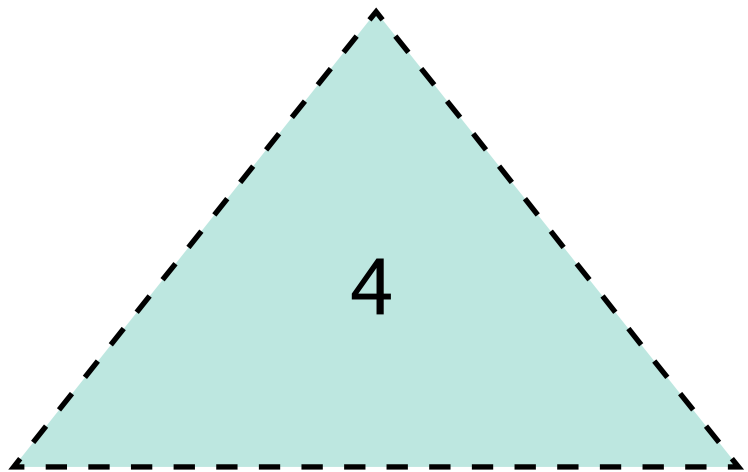
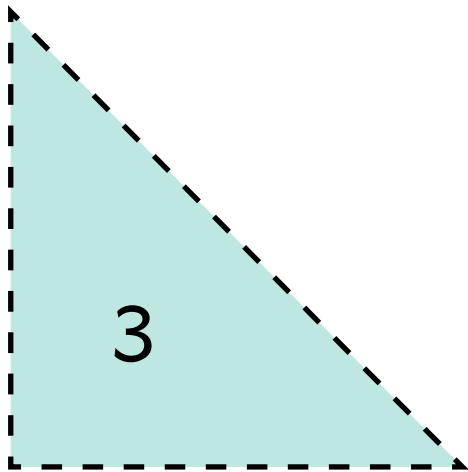
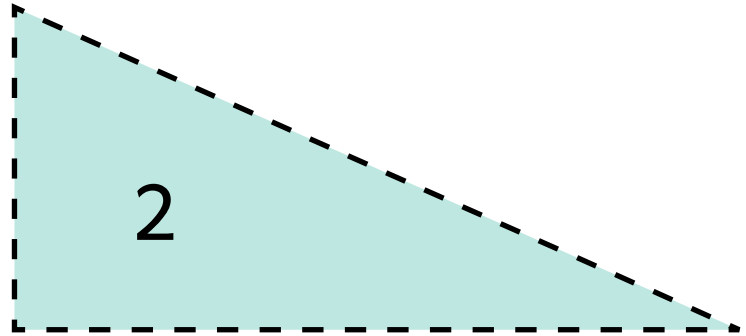
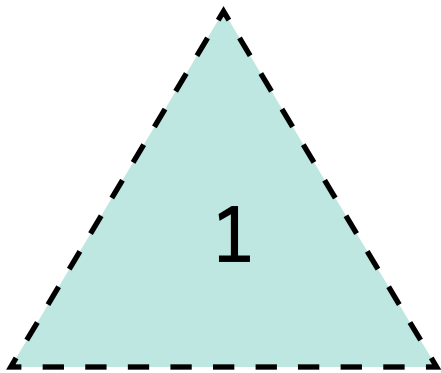
Beregn arealet af højtænderne.



30 cm	42 cm	→	_____
25 cm	55 cm	→	_____
15 cm	20 cm	→	_____

Areal

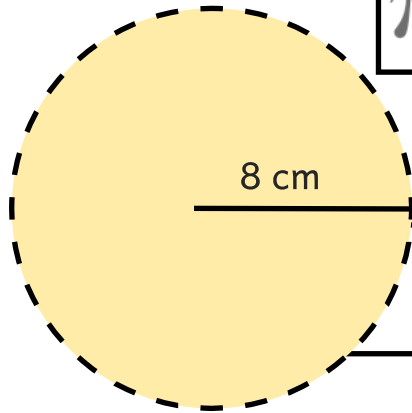
Mål med din lineal og beregn arealet af trekantene.



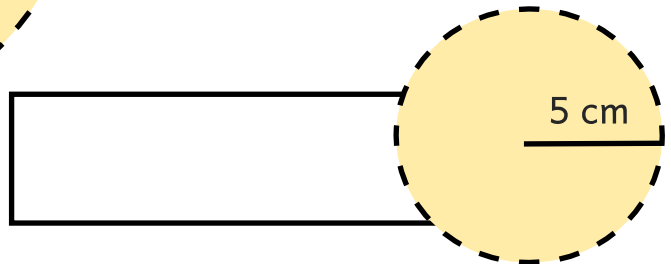
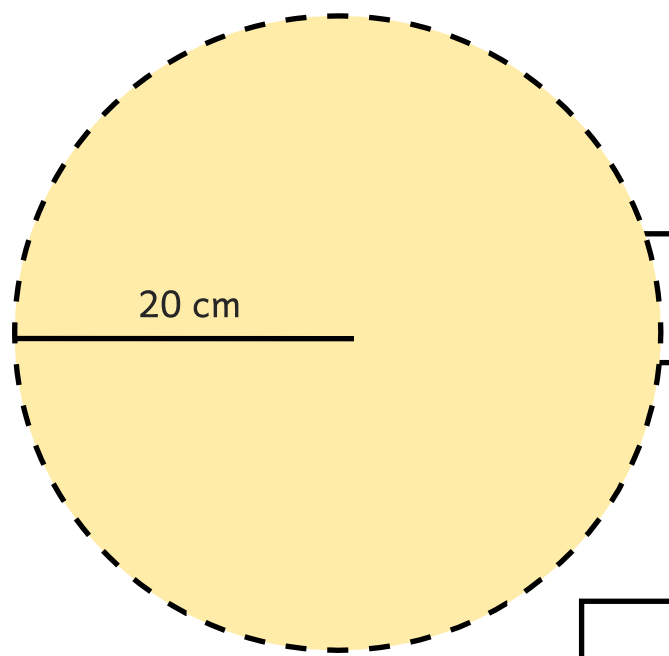
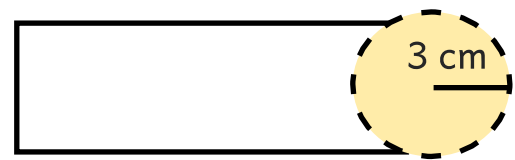
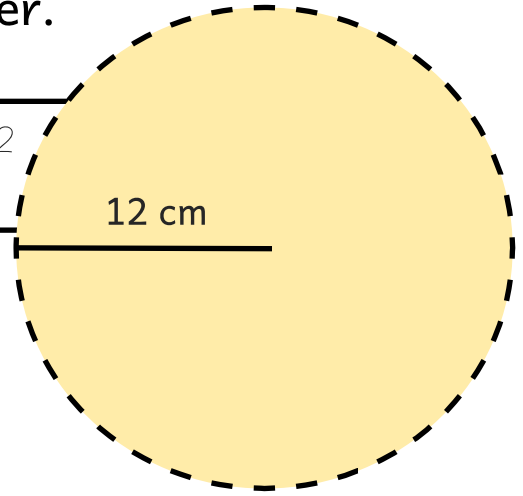
Trekant 1	
Trekant 2	
Trekant 3	
Trekant 4	

Areal

Udregn arealet af de forskellige cirkler.

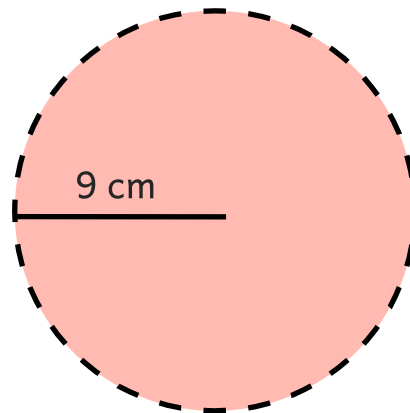
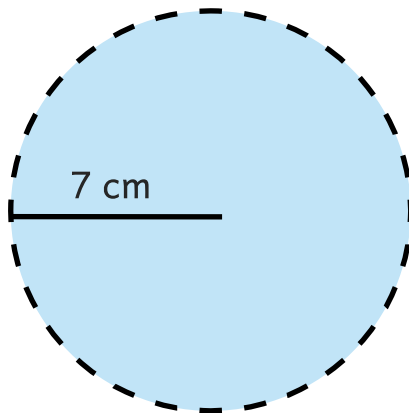
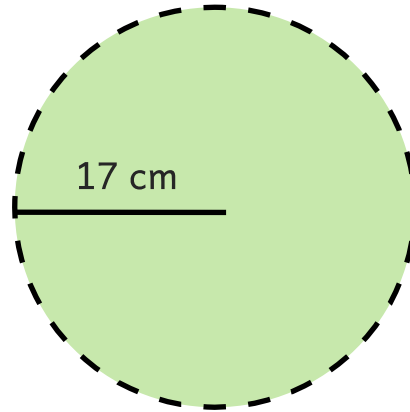
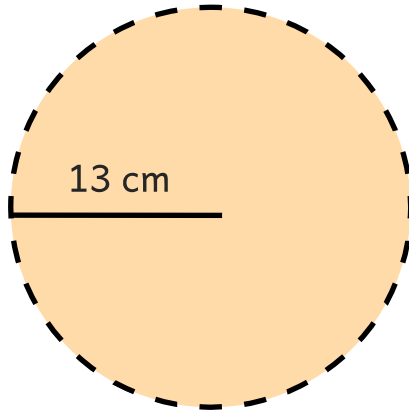


$$\pi \times 12^2 = 452,2 \text{ cm}^2$$



Areal

Udregn arealet af de forskellige cirkler og placer dem efter arealets størrelse. Den mindste først.



mindst

størst

Farve				
Areal				

Areal

Mål med din lineal og beregn arealet af cirklerne.

Cirkel 1	
Cirkel 2	
Cirkel 3	
Cirkel 4	

