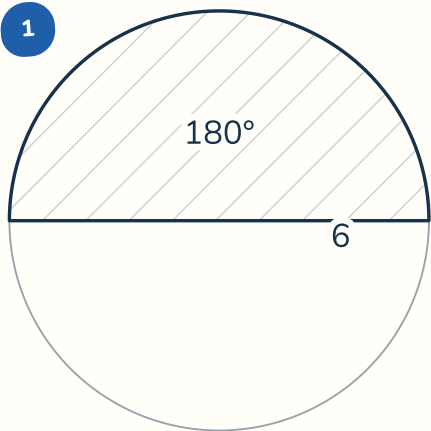
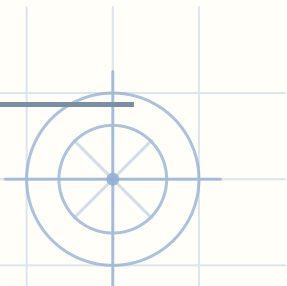


Circle parts — Radius to 12

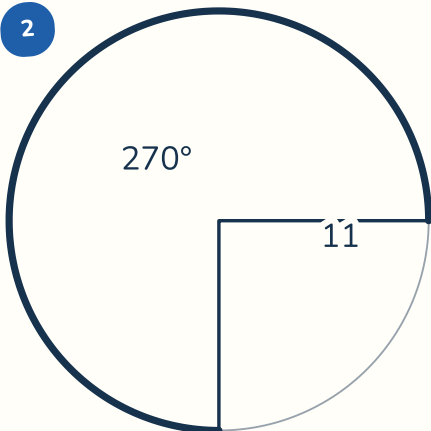
Name: _____

Date: _____

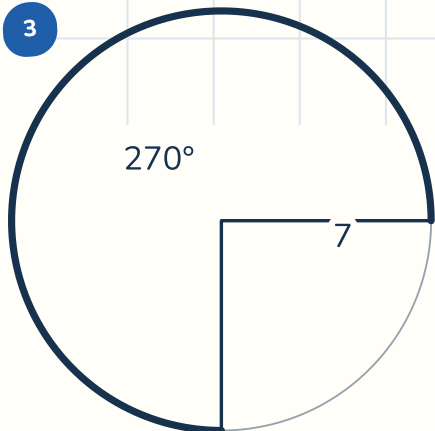
Use $\pi = 3.14$. Each shape is part of a circle — find what the label asks for.



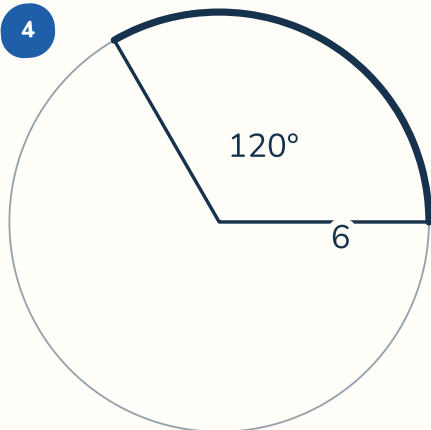
Area of the slice
56.52 cm²



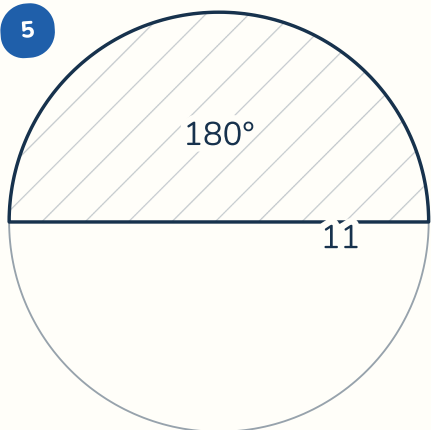
Length of the curved edge
_____ cm



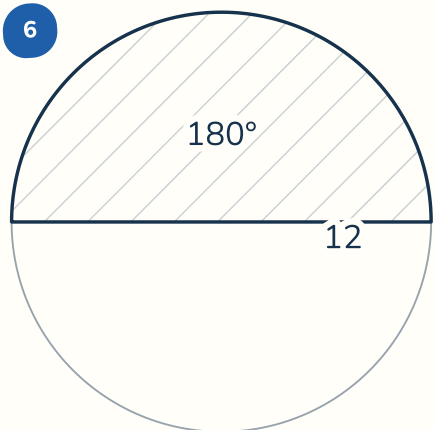
Length of the curved edge
_____ cm



Length of the curved edge
_____ cm



Area of the slice
_____ cm²



Area of the slice
_____ cm²

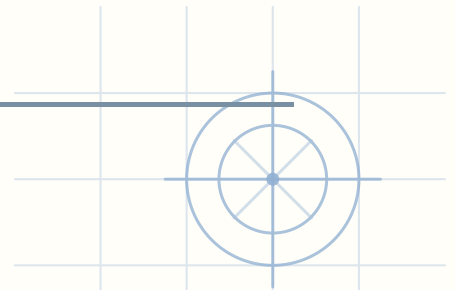


Circumference — Radius or diameter

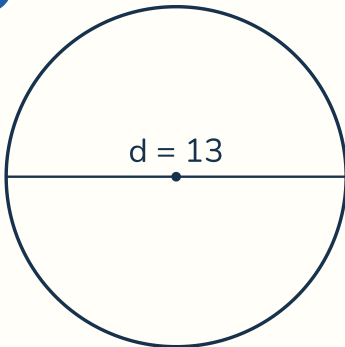
Name: _____

Date: _____

Find the circumference of each circle. Use $\pi = 3.14$.

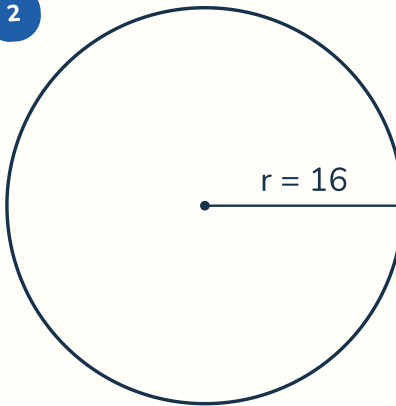


1



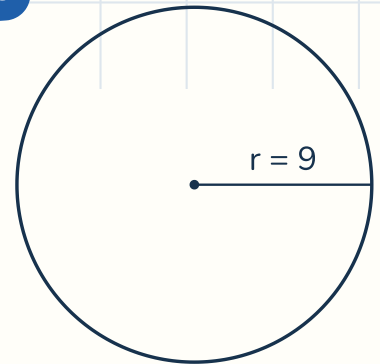
40.82 cm

2



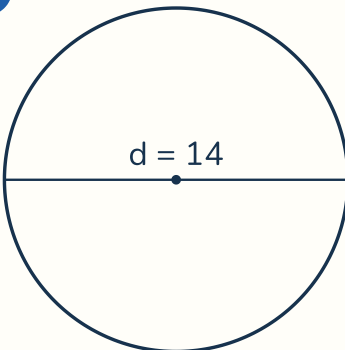
_____ cm

3



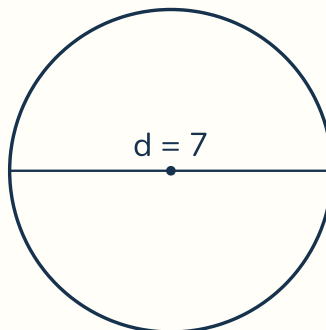
_____ cm

4



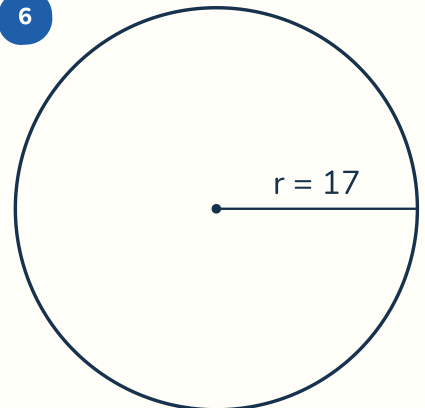
_____ cm

5



_____ cm

6



_____ cm

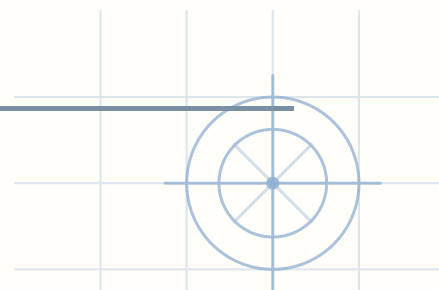


Circle area — Radius or diameter

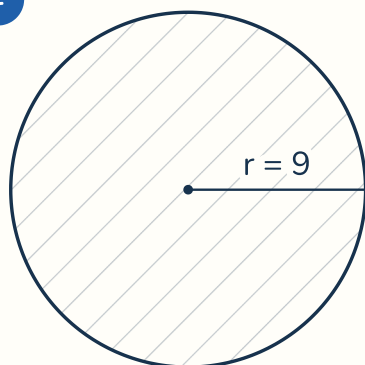
Name: _____

Date: _____

Find the area of each circle. Use $\pi = 3.14$.

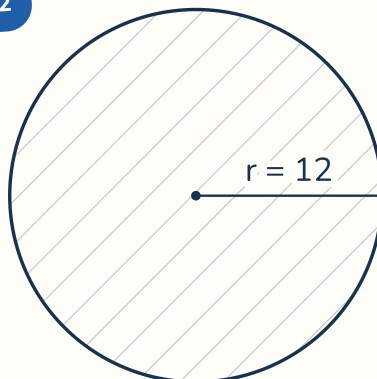


1



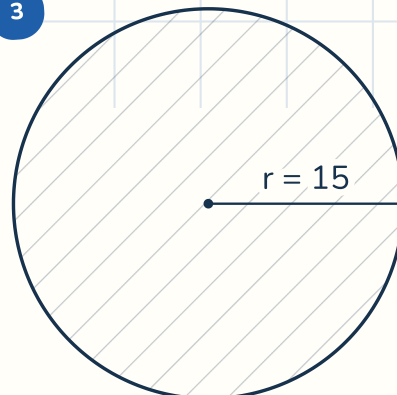
254.34 cm²

2



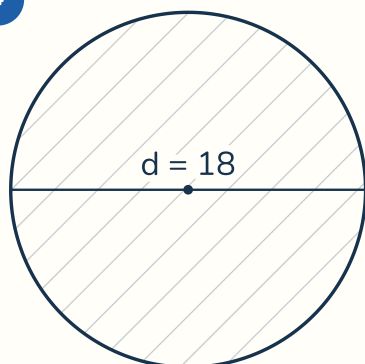
_____ cm²

3



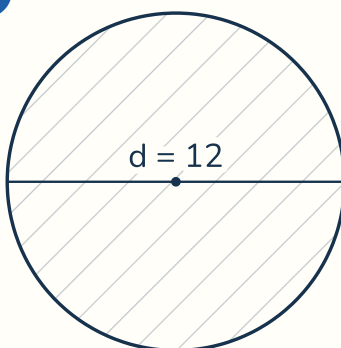
_____ cm²

4



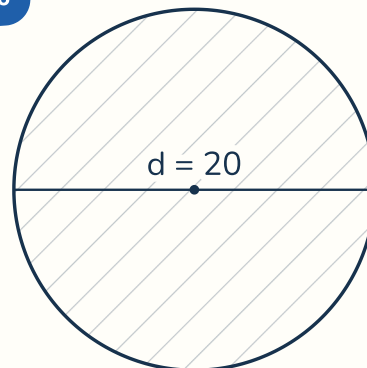
_____ cm²

5

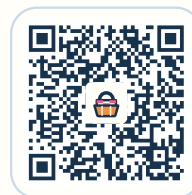


_____ cm²

6



_____ cm²



Power Pack · Circles — Answer key

Circle parts

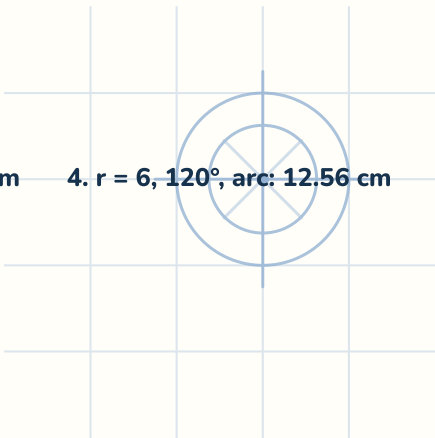
1. $r = 6$, 180° , area: 56.52 cm^2

2. $r = 11$, 270° , arc: 51.81 cm

3. $r = 7$, 270° , arc: 32.97 cm

4. $r = 6$, 120° , arc: 12.56 cm
5. $r = 11$, 180° , area: 189.97 cm^2

6. $r = 12$, 180° , area: 226.08 cm^2



Circumference

1. $d = 13$: 40.82 cm

2. $r = 16$: 100.48 cm

3. $r = 9$: 56.52 cm

4. $d = 14$: 43.96 cm
5. $d = 7$: 21.98 cm

6. $r = 17$: 106.76 cm

Circle area

1. $r = 9$: 254.34 cm^2

2. $r = 12$: 452.16 cm^2

3. $r = 15$: 706.5 cm^2

4. $d = 18$: 254.34 cm^2
5. $d = 12$: 113.04 cm^2

6. $d = 20$: 314 cm^2