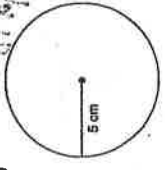


Name Kay


Circles

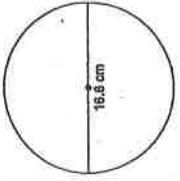
Find the circumference of each circle. Round to the nearest tenth.

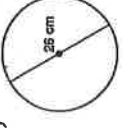
1)   $9\pi$  m  
28.3 m

2)   $10\pi$  cm  
31.4 cm

3)   $28\pi$  in  
88.0 in

4)   $30.2\pi$  cm  
94.9 cm

5)   $16.8\pi$  cm  
52.8 cm

6)   $26\pi$  cm  
81.7 cm

7) radius = 12 yd

$24\pi$  yd


75.4 yd

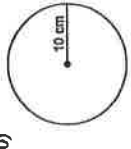
8) radius = 5.5 mi

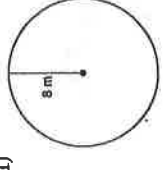
$11\pi$  mi

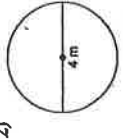
34.6 mi

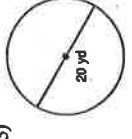
Find the area. Round to nearest tenth.

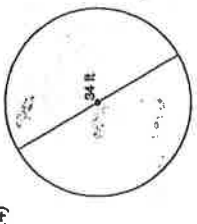
9)   $144\pi$  ft<sup>2</sup>  
452.4 ft<sup>2</sup>

10)   $100\pi$  cm<sup>2</sup>  
314.2 cm<sup>2</sup>

11)   $64\pi$  m<sup>2</sup>  
201.1 m<sup>2</sup>

12)   $4\pi$  m<sup>2</sup>  
12.6 m<sup>2</sup>

13)   $100\pi$  yd<sup>2</sup>  
314.2 yd<sup>2</sup>

14)   $289\pi$  ft<sup>2</sup>  
907.9 ft<sup>2</sup>

15) radius = 8 ft

$64\pi$  ft<sup>2</sup>  
201.1 ft<sup>2</sup>

16) radius = 5 cm

$25\pi$  cm<sup>2</sup>  
78.5 cm<sup>2</sup>

Find the diameter of each circle.

17) area =  $4\pi$  in<sup>2</sup>

$A = \pi r^2$   
 $4 = r^2$   
 $2 = r$

$d = 4$  in

18) area =  $49\pi$  yd<sup>2</sup>

$\pi r^2 = 49\pi$   
 $r^2 = 49$   
 $r = 7$

$d = 14$  yd

19) circumference =  $162\pi$  yd

$162\pi = \pi d$

$d = 162$  yd

20) circumference =  $30\pi$  yd

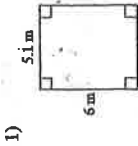
$\pi d = 30\pi$

$d = 30$  yd

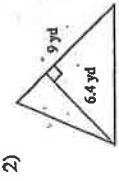
# Geometry HW

## Area of Triangles and Quadrilaterals

Find the area of each.



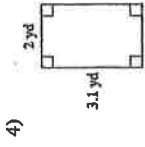
30.6 m<sup>2</sup>



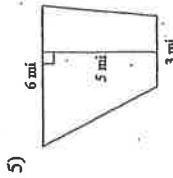
28.8 yd<sup>2</sup>



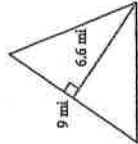
45.6 m<sup>2</sup>



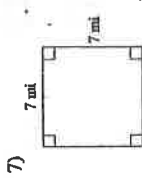
6.2 yd<sup>2</sup>



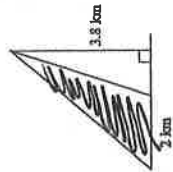
22.5 mi<sup>2</sup>



29.7 mi<sup>2</sup>



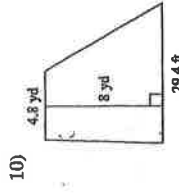
49 mi<sup>2</sup>



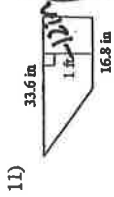
3.8 km<sup>2</sup>



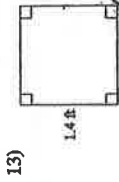
2 yd<sup>2</sup>



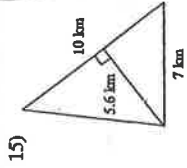
58.4 yd<sup>2</sup>  
525.6 ft<sup>2</sup>



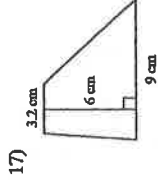
2.1 ft<sup>2</sup>



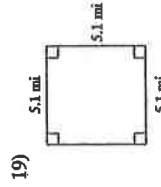
1.96 ft<sup>2</sup>



28 km<sup>2</sup>



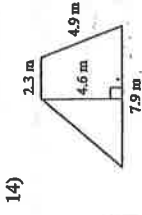
36.6 cm<sup>2</sup>



26.01 mi<sup>2</sup>



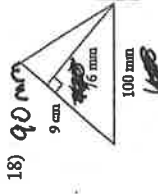
28.2 km<sup>2</sup>



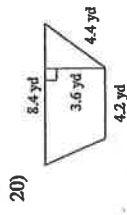
23.46 m<sup>2</sup>



53.2 ft<sup>2</sup>



3420 mm<sup>2</sup>



22.68 yd<sup>2</sup>