

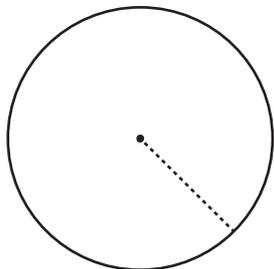
Name : _____

Area

MS3

Find the area of each circle. Round your answer to the nearest tenth. (use $\pi = 3.14$)

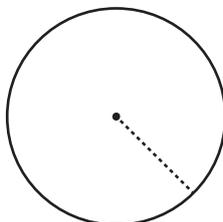
1)



Circumference = 236.9 in

Area = _____

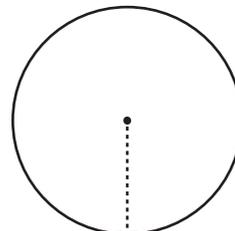
2)



Circumference = 151.6 yd

Circumference = 151.6 yd

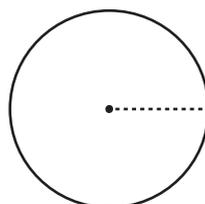
3)



Circumference = 252.1 ft

Area = _____

4)



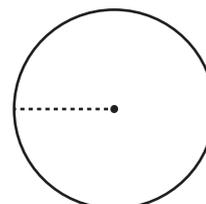
Circumference = 1600 m

Area = _____

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Circumference = 314 yd

Area = _____

7) The circumference of a circular paddy field is 1600 m. Find the area of the paddy field? Round your answer to the nearest tenth.

Area = _____

8) If Nancy runs twice around the corner of a park and covers the distance of 879.2 ft, what will be the area of the circular park? (use $\pi = 3.14$)

Area = _____

Name : _____

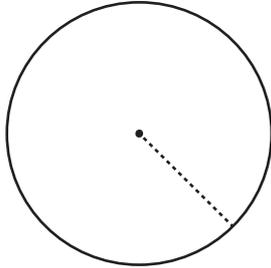
Answer key

MS3

Area

Find the area of each circle. Round your answer to the nearest tenth. (use $\pi = 3.14$)

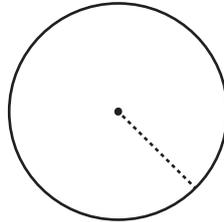
1)



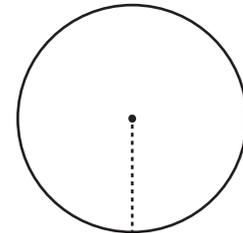
Circumference = 236.9 in

Area = **4468.3 in²**

2)



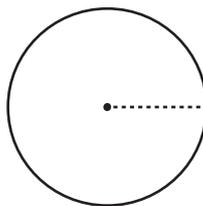
Circumference = 151.6 yd



Circumference = 252.1 ft

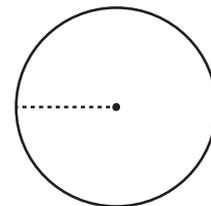
Area = **5060.1 ft²**

4)



Circumference = 160

Area = **2123.2 in²**



Circumference = 314 yd

Area = **7850 yd²**

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7) The circumference of a circular paddy field is 10560 yd. Find its area. Round your answer to the nearest tenth.

Area = **10560.6 yd²**

8) If Nancy runs twice around the corner of a park and covers the distance of 879.2 ft, what will be the area of the circular park? (use $\pi = 3.14$)

Area = **15386 ft²**