

Chapter 10

Geometry and Measurement

10.4 (A) Area of a Circle

Pages- 531--540

NOTES (10.4 A) Area of a Circle

Memorize!

$$A = \pi r^2$$

Guided Practice pp 534-535

Do #4-10 even like this

$$9) A = \pi r^2 \quad (d = \frac{7}{2} = 3.5 \quad \text{so } r = 1.75)$$

$$A = 3.14 \times 1.75^2$$

$$A = 3.14 \times 3.0625$$

$$A = 9.61625$$

$$A = 10 \text{ ft}^2$$

$$11) A = \pi r^2$$

$$A = 3.14 \times 4.2^2$$

$$A = 3.14 \times 17.64$$

$$A = 55.3896$$

$$A = 55 \text{ yd}^2$$

#12 = 2 pts

#32 = 1 pt