

Area of a Circle Answer Key

Increasingly
Difficult
Exercises

- a) $25\pi \text{ cm}^2$ b) $36\pi \text{ mm}^2$ c) $8\pi \text{ cm}^2$
- d) $\pi \text{ cm}^2$ e) $900 - 225\pi \text{ mm}^2$ f) $72 - 18\pi \text{ cm}^2$
- g) $\frac{25 - 6.25\pi}{4} \text{ cm}^2$ h) $100 - 25\pi \text{ cm}^2$ i) $32 - 8\pi \text{ cm}^2$
- j) $200 - 50\pi \text{ cm}^2$

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- a) 78.5 cm^2 b) 113.1 mm^2 c) 25.1 cm^2
- d) 3.1 cm^2 e) 193.1 mm^2 f) 15.5 cm^2
- g) 1.3 cm^2 h) 21.5 cm^2 i) 6.9 cm^2
- j) 42.9 cm^2