

Answers to area practice problems

Circles

#	r	d	c	A
1	10 cm	20 cm	62.8 cm	314 cm ²
2	5 cm	10 cm	31.4 cm	78.5 cm ²
3	6 in	12 in	37.7 in	113.04 in ²
4	2.3 in	4.8 in	15 in	14.4 in ²
5	1 ¼ in	2 ½ in	7.85 in	4.9 in ²
6	3 ft	6 ft	18.8 ft	28.3 ft ²
7	0.65 ft	1.3 ft	4 ⅛ ft	1.3 ft ²
8	2 ½ m	5 m	15.7 m	19.6 m ²
9	0.57 ft	1.1 ft	3.6 ft	1 ft ²
10	4.5 ft	9 ft	28.3 ft	63.6 ft ²
11	7.5 ft	15 ft	47.1 ft	176.7 or 176 5/8 ft ²
12	1.6 m	3.2 m	10 ⅛ m	8.2 m ²
13	1.25 cm	2.5 cm	7.85 cm	4.9 cm ²
14	19 ft	38 ft	119.3 ft	1133.5 ft ²
15	8.5 m	17 m	53.4 m	227 m ²
16	3.3 in	6.7 in	21 in	34.2 in ²
17	2.2 cm	4.4 cm	13.8 cm	15.2 cm ²
18	3.18 or 3 3/16 in	6 ⅜ in	20.0 in	31.8 in ²
19	1.8 cm	3.6 cm	11.2 cm	10 cm²
20	2.2 ft	4.4 ft	13.8 ft	15 ft²