AREA OF ¾ CIRCLES SHEET 1

Use the radius measurement to find the area of these ¾ circles. Give your answers to 2dp.

		WORKING OUT	AREA
1)	5 cm		
2)	7 in		
3)	12 ft		
4)	4.2 m		
5)	7 ½ cm		
6)	6.4 m		

AREA OF ¾ CIRCLES SHEET 1 ANSWERS

Use the radius measurement to find the area of these ¾ circles.

		WORKING OUT	AREA
1)	5 cm	¾ x π x 5^2 = ¾ x π x 25 = (75/4) π = 58.90 to 2dp	58.90 cm²
2)	7 in	¾ x π x 7^2 = ¾ x π x 49 = (147/4) π = 115.45 to 2dp	115.45 in²
3)	12 ft	¾ x π x 12^2 = ¾ x π x 144 = 108 π = 339.29 to 2dp	339.29 ft²
4)	4.2 m	¾ x π x 4.2^2 = ¾ x π x 17.64 = 13.23 π = 41.56 to 2dp	41.56 m²
5)	7 ½ cm	¾ x π x (7 ½)² = ¾ x π x 225/4 = (675/16) π = 132.54 to 2dp	132.54 cm²
6)	6.4 m	¾ x π x (6.4)² = ¾ x π x 40.96 = 30.72 π = 96.51 to 2dp	96.51 m²