Fill In The Blanks...

Radius and Diameter of a Circle

Each circle has a diameter AB, a centre C and a radius r

Coordinates of A	Coordinates of B	Gradient of AB	Equation of AB	Centre C of Circle	Radius r of Circle	Equation of Circle
$(3,4)$	$(-3,-4)$				5	$x^2+y^2=25$
$(0,5)$	$(6,-3)$					
$(4,0)$				$(2,-1)$		
	$(2,-2)$			$(4,2)$		
$(-12,4)$						$(x+9)^2+y^2=25$
		1		$(1,-1)$	$\sqrt{2}$	
			$y=3x-17$	$(4,-5)$	$\sqrt{10}$	
			$y=\frac{3}{4}x-\frac{9}{4}$			$(x+1)^2+(y+3)^2=100$