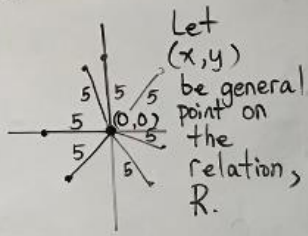


Washroom  
Name | Time

p 13 #10



$(x,y)$  ordered pair

$\{x,y\}$  unordered pair

Recall gr. 10:

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

$$5 = \sqrt{(x-0)^2 + (y-0)^2}$$

$$25 = x^2 + y^2$$

$$R = \{(x,y) \in R \mid x^2 + y^2 = 25\}$$

a)	LS	RS
	25	$x^2 + y^2$
		$(4)^2 + (3)^2$
		25

Since  $LS = RS$   
hence  $(4,3) \in R$ .