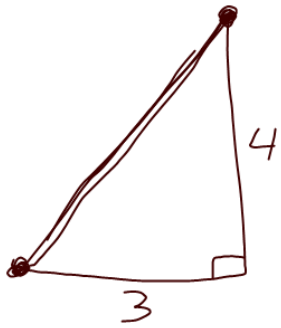
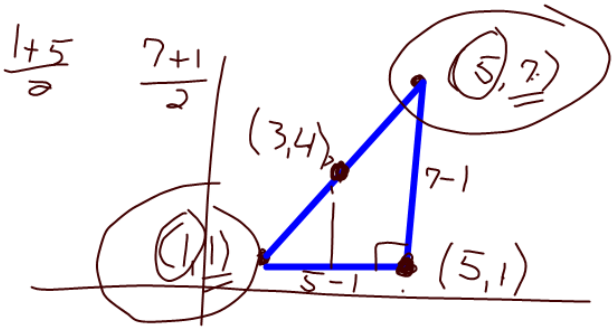


$3^2 + 4^2 = c^2$

$\frac{1+5}{2}$ $\frac{7+1}{2}$



$hyp^2 = (5-1)^2 + (7-1)^2$

$hyp = \sqrt{(5-1)^2 + (7-1)^2}$

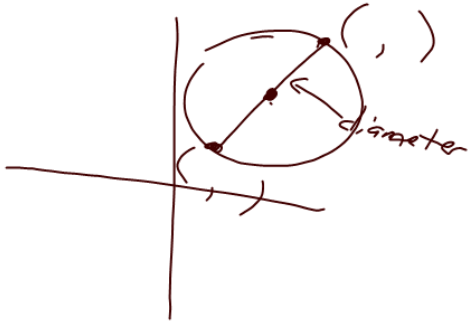
$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$

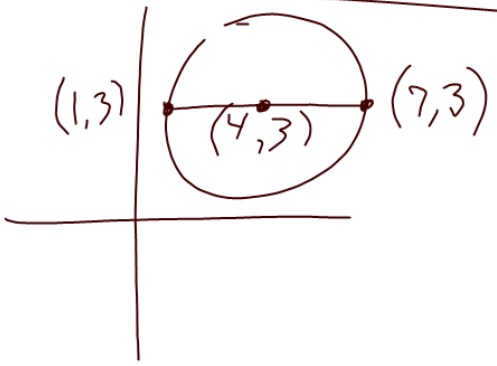
distance

midpoint

$\left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2}\right)$

$\frac{57 + 3}{2}$





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