When y = 3.5	**General Case**
$2.5^2 + x^2 = 4.5^2$	$(y-1)^2 + x^2 = (y+1)^2$
$x^2 = 14$	$x^2 = 4y$
$x = \sqrt{14}$	$x = \sqrt{4y}$

1.   Consider the equations in the table above. Compare the use of the x, and of the x and the y in the two equations. How are the uses different?

2.   Solve for x when y is 50. Which equation did you use and why?

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