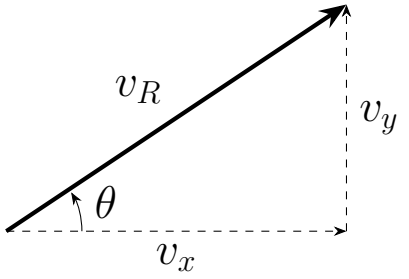
Projectile Motion Equations

$v_f = v_i + at$	$d = v_i t + \frac{1}{2}at^2$	$v_f^2 = v_i^2 + 2ad$
"Old Faithful"	*"The Big Chalupa"*	*"Ain't Got No Time"*



$$\theta = \tan^{-1}(v_y/v_x)$$
$$v_x^2 + v_y^2 = v_R^2$$
$$v_x = v_R \cos(\theta)$$
$$v_y = v_R \sin(\theta)$$

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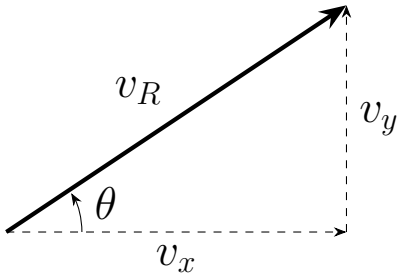

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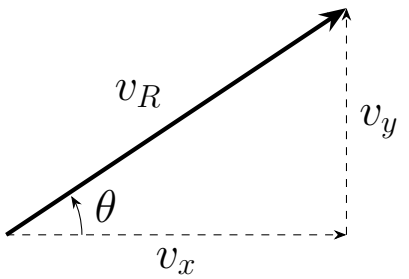

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