
Subject: Re: A math question.

Posted by [Doitle](#) on Thu, 03 May 2007 10:19:46 GMT

[View Forum Message](#) <> [Reply to Message](#)

There it is all spiffy. I included an example calculation.

File Attachments

1) [projshot.jpg](#), downloaded 747 times

$$\text{Range} = d + (v \cos \theta) \frac{(v \sin \theta + \sqrt{\frac{1}{2} v^2 (1 - \cos \theta) - (2A(0 - h))}}{A}$$

$$\text{Range} = 0 + (25 \cos 60) \frac{(25 \sin 60 + \sqrt{\frac{1}{2} 25^2 (1 - \cos 60) - (2(9.8))}}{9.8}$$

$$\text{Range} = 42.5m$$