Subject: Re: A math question.
Posted by Doitle on Thu, 03 May 2007 10:19:46 GMT
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There it is all spiffy. I included an example calculation.

File Attachments
1) projshot.jpg, downloaded 570 times

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

$$Range = 0 + (25\cos 60)\frac{(25\sin 60 + \sqrt{\frac{1}{2}25^2(1-\cos 60) - (2(9}}{9.8}$$

$$Range = 42.5m$$