

Re: Will rocket reach on target

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 - *Date:* Wed, 10 Sep 2008 08:12:24 -0700 (PDT)
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On Sep 10, 10:56 am, Mubashar Ali <Mubashar....@xxxxxxxxxx> wrote:

Can some one help me to solve this quistion.

Let $p(a)=0.6$ be the probability that the rocket will destroy during its flight. And $p(b)0.02$ be the probability that the engine will not start. What will the probability that the rocket will reach into space successfully.

I've an idea to solve it.

$P'(a)$ intersection $P(b)$ +

$P(a)$ intersection $P'(b)$ and

$P'(a)$ intersection $P'(b)$??

Probability the engine starts = $(1-.02)$

Probability the flight is successful = $(1-.6)$

$(1-.02)*(1-.6) = .392$

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