Quiz: Question 6

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In order to find out which race B is more likely to lose, we need to compare
the probabilites of the two races given that B has won.

$$P(D|B) = \frac{60}{100} \tag{1}$$

$$P(E|B) = \frac{25}{100} \tag{2}$$

$$P(D|B) > P(E|B) \tag{3}$$

Since Event D or the 100 meter event has better odds for B to win, B most
likely lost Event E, the 800 meter event.