Back to Buckets

$P(H_1) = .8$
$P(H_2|H_1) = .7$
$P(H_2|H_1') = .9$
$P(H_1 \cap H_2) = ?$
$P((H_1 \cap H_2') \cup (H_1' \cap H_2)) = ?$

What is the probability of hitting the second basket?

Can only hit the second basket:

- After hitting the first
- After missing the first

$P(H_2) = P((H_1 \cap H_2) \cup (H_1' \cap H_2)) = ?$
$= P(H_1 \cap H_2) + P(H_1' \cap H_2) = ?$
$= .56 + .18$ (based off of the tree that was built)