

Warmup/Review 05 MAY

44. The probability that Brian participates in a study group before his test is 0.70. If he participates in a study group, the probability that he will get an A on his test is 0.80. If he does not participate in a study group, the probability that he will get an A on his test is 0.40.

a) Use a graphic organizer to show all possible outcomes for this situation.

b) Determine the probability that Brian will get an A on his test. Show your work

12. At the age of 30, Alfred began investing \$350.00 monthly into an investment account at an interest rate of 7.00%, compounded monthly. When he turned 45, the interest rate on this investment decreased to 5.00%, compounded monthly. Alfred plans to continue making monthly investments until he retires at 58.

a) How much money will Alfred have in his account when he retires?

b) Alfred withdraws \$2,000.00 per month from his account after he retires. If the interest rate remains at 5.00%, how many months can he withdraw \$2,000.00?

Do
hand-drawn
Screen
shots