Warmup/Practice

Dependent Probability. Rick has 12 individual socks in his drawer. Six white and six black. He reaches into his drawer in the dark and randomly pulls out two socks.
   a. Determine the probability he pulls out two white socks
   b. Determine the probability he pulls out a matching pair

There are 10 teams in your daughters ringette league.   If every team plays every other team:
   a. how many games will your daughter play?
   b. how many games will be on the schedule for all the teams?

Examine the word 'SCHOOL'
   a. how many different (distinguishable) arrangements of the letters can be made?
   b. if the first letter in the arrangement above has to be an 'L', how many arrangements can be made?

Warmup/Practice

Amanda invests $10,000 in Dylan's new software company! Dylan promises an annual return (APR) of 8% on her investment, compounded monthly, and will pay Amanda back after 9 years. Determine how much (the future value) Amanda will receive in 9 years. [use the formula manually, and also use an App]

Debbie just cashed - in her shares in Sandra's 'Photos R Us' photography company. Debbie had loaned Sandra some money to set up a studio five years ago. Sandra promised the shares would make 10% compounded quarterly. Debbie gets a cheque for $20,000 when she cashes in her shares. Determine the Principal (PV) amount of money that Debbie had invested those 5 years ago . [Just use an App. You *may* want to try using the formula and some algebra too]