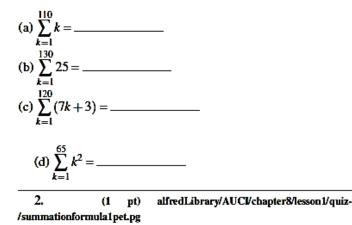
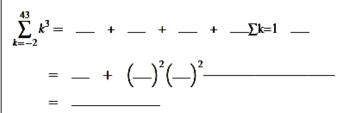
Quiz 8.1 – Sigma Notation and Summations

1. (1 pt) alfredLibrary/AUCI/chapter8/lesson1/quiz/sum1pet.pg Use the "summation formulas" to find the numerical value of each sum.



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"Peel off" as many terms as necessary so that the appropriate summation formula can be used.



3. (1 pt) alfredLibrary/AUCl/chapter8/lesson1/quiz/sum7pet.pg Use the "summation formulas" to express the following sum in closed form. Your answer should be in terms of n.

(HINT: You must first expand $(4+4k)^2$).