Janet's friend Marcus also wanted to figure out how much time had elapsed. He said calculating log_3 8 would tell him how much time elapsed between the first two checks and log_3 12 would tell him how much time elapsed between the last two checks. So, he reasons log_3 8 + log_3 12 = log_3 (8 + 12) = log_3 20 would give him the total elapsed time. Do you agree or disagree? Justify your answer using a number line.



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