

Problem of the Week #12

Dance Party (written by Kristin Steketee in 4H)



Jessica invited everyone at her party to play Freeze Dance. Thirty-two children started on the dance floor. When the music played, everyone danced, and when the volume was off, everyone had to freeze and hold still. Jessica played the music for 30 seconds of dancing and then turned the volume off for the next 30 seconds. While the music played, 5 more people joined the dance floor, but every time the volume was off, 3 people left the dance floor. The song played for a total of 5 minutes.

How many people were on the dance floor when the song finished?

Show your work using pictures, numbers or symbols.

Name: _____ Class: _____

First and last name, please

Due: 3/16/2023 (Thursday)