



Problem of the Week

Problem E

Free Time

Pearl coordinates volunteers to help collect and sort donations at the food bank on Mondays, Wednesdays, and Fridays. Of her volunteers, 50% are available on Mondays, 80% are available on Wednesdays, and 90% are available on Fridays. A total of 18 volunteers are available on all three days, and all other volunteers are available on exactly two of the three days. How many volunteers are there in total?

