



Problem 1: Joe and Charlie are cleaning offices in the same building. Joe cleans three eighths of the third floor in the same amount of time that Charlie cleans three twelfths of the fifth floor. The floors are the same size. Who is the faster cleaner?

Problem 2: In the same amount of time that Joe cleans three eighths of the third floor, Jamie cleans six tenths of the fourth floor. The floors are the same size. Who is the faster cleaner?

Problem 3: In the same amount of time that Joe cleans seventh eighths of the third floor, Charlie cleans eleven twelfths of the fifth floor. The floors are the same size. Who is the faster cleaner?