One printer takes 3 hours to complete a job.
Another printer can do the same job in 4 hours.
When the job runs on both printers, how many
hours will it take to complete?

Answer: $\frac{12}{7}$ hours

Aileen and Emily are college roommates. Working
together it takes them 45 minutes to clean their
dorm room. Today is Aileen's day to clean. She can
clean the room by herself in $\frac{2}{3}$ the time Emily takes
by herself. How long, in minutes, will it take Aileen
to clean the room by herself?

Answer: 75 minutes