420. Answer questions on the basis of the information below. A cinema complex with six movie theaters never shows the same movie in more than one theater. None ofthe theaters is the same size as any other, with number 1 being the largest and going in order to number 6,the smallest.The theater also has the following rules: ■ It will never show more than two R-rated movies at once. ■ It will always show at least one G-rated movie and one PG-rated movie in the two middlesized theaters (theaters 3 and 4). ■ It will never show more than one foreign ﬁlm at a time and never in the biggest theater. ■ The starting times of movies will be staggered by ﬁfteen minutes and will always be on the quarter hour. ■ Employees need twenty minutes between showings to clean the theaters. The cinema has the following ﬁlms to choose from this particular week: Shout, rated R. Que Pasa, a Spanish ﬁlm rated PG. Abra Cadabra, rated G. Lessons, rated R. Jealousy, rated PG. Mist, a Swedish ﬁlm rated R. Trek, rated NC-17. Fly, rated G. If Shout starts at 8:30, Mist at 8:15, Trek at 8:00, Fly at 7:45, Jealousy at 7:30, and Abra Cadabra at 7:15, and each movie is exactly two hours long, at what time will the next showing of Trek start? a. 10:00 b. 10:15 c. 10:30 d. 10:45 e. 11:00