a) July 31

b) August 23

5. The half-life of a certain medicine is 50 minutes. At 1:00 pm a test shows that there is 100 mg in the patients blood stream. Find the amount of medicine in the patients blood stream at each given time, the same day. Round to the nearest hundredth of a mg.

a) 6:00 pm.

b) 11:30 am.