Geo® and Fiona decide to race to Drumheller Fountain. Geo® starts 200 feet away from the fountain and runs at 10 mph. Fiona gets a headstart and begins the race 50 yards from fountain. After 6 seconds, she has covered half the distance from her starting point to the fountain. Assume Fiona and Geo® both run at a constant rate.

a) (5 points) Who is running faster? Explain.

b) (5 points) Who wins the race? Explain.