

Classroom Examples for Intermediate Algebra #4

- 1) Jackie leaves the college at 10am travelling east at a speed of 58mph. Jen leave the college at 8am travelling west at a speed of 67mph. What time of day will it be when they are exactly 759 miles apart? 3pm
- 2) Natalie leaves the college at 4pm headed towards Hackettstown doing 63mph. Alex leaves the college at 6pm going 81mph chasing after her. What time of day will it be when Alex catches Natalie? 1am
- 3) Andrew leaves the college at 9am heading north doing 54 mph while Kim leaves the college at 10am doing 61mph chasing after Andrew. What time of day will it be when Kim is 16 miles ahead of Andrew? 8pm
- 4) Nick leaves the college at 11am headed west doing 37mph. Chris leaves the college at 2pm headed east doing 37mph. What time of day will it be when they are exactly 849 miles apart?