Math	181	Quiz 6
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Name: \_\_\_\_\_ ID:

Do not use any unapproved aids while taking this assessment. Read each question carefully and be sure to show all work in the space provided.

1. Suppose a car was 80 miles east of a town, traveling west at 50 mph. A second car was 135 miles north of the same town, traveling north at 45 mph. At this exact moment, how fast is the distance between the cars changing?