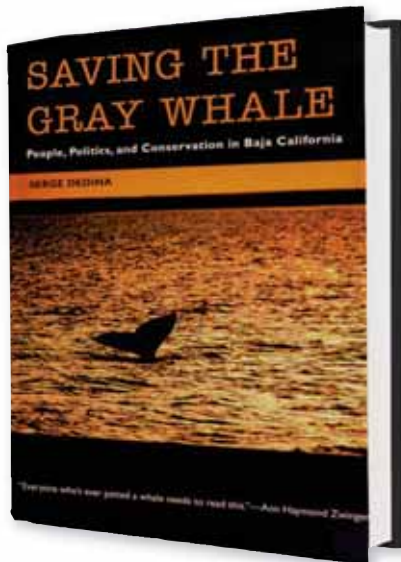


**EXAMPLE 4** Describing a Linear Pattern in Nature

The figure shows the annual northward migration of Canada Geese. Describe any linear patterns that you see in the figure.



In this book, Serge Dedina discusses the conservation of the gray whale in Baja California, Mexico.

**SOLUTION**

Through the central United States, the migration appears to be moving north at a rate of about 150 miles every 10 days.

Feb 10	Feb 20	Mar 1	Mar 10	Mar 20	Mar 30	Apr 10	Apr 20	Apr 30
0 mi	130 mi	270 mi	420 mi	630 mi	760 mi	900 mi	1040 mi	1200 mi

**✓ Checkpoint**

Help at [Math.andYOU.com](http://Math.andYOU.com)

The longest known migration of a mammal is that of the gray whale. It travels the 6000 miles between Baja California, Mexico, and the Bering Sea each spring and fall. Traveling at a rate of 4 miles per hour, how long does it take a gray whale to migrate each spring?