Every day people travel to and from a city using various forms of transportation. Use multiplication strategies to solve each problem.

1. To go to the beach, Adiyah drives 4 times as many miles as Jacob. Adiyah drives 20 miles. How many miles does Jacob drive? Write an equation and a comparison sentence to solve.

2. Hannah travels 6 times as many minutes to work as Raoul does. Together, they travel for 63 minutes. How many minutes does Hannah travel? Draw a model and write an equation to solve.

3. Ben travels by train 19 miles to work. If Ben travels 8 times a week, how many miles does he travel? Use a drawing and the Distributive Property to solve. Show your work.

4. A ferryboat travels 178 miles in one week. How many miles does the boat travel in 4 weeks? Draw a diagram and use expanded form to solve. Show your work.
5. The chart shows the distance from New York City to three cities.

<table>
<thead>
<tr>
<th>Distance from New York City (miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boston, MA</td>
</tr>
<tr>
<td>217</td>
</tr>
</tbody>
</table>

Estimate your answer. Then find the exact answer. Use rounding, regrouping, or place value. Describe the strategy you used.

a. A plane travels from New York City to Boston once each day. How far does the plane travel in one week on this route?

Estimate

Exact answer

Strategy

b. Another plane makes 6 trips in one week. It travels from New York City to Rochester 3 times, and from New York City to Salt Lake City 3 times. How many miles does the plane travel each week?

Estimate

Exact answer

Strategy