8.EE Who Has the Best Job?

Task

Kell works at an after-school program at an elementary school. The table below shows how much money he earned every day last week.

<table>
<thead>
<tr>
<th>Time worked</th>
<th>1.5 hours</th>
<th>2.5 hours</th>
<th>4 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Money earned</td>
<td>$12.60</td>
<td>$21.00</td>
<td>$33.60</td>
</tr>
</tbody>
</table>

Mariko has a job mowing lawns that pays $7 per hour.

a. Who would make more money for working 10 hours? Explain or show work.

b. Draw a graph that represents \( y \), the amount of money Kell would make for working \( x \) hours, assuming he made the same hourly rate he was making last week.

c. Using the same coordinate axes, draw a graph that represents \( y \), the amount of money Mariko would make for working \( x \) hours.

d. How can you see who makes more per hour just by looking at the graphs? Explain.