Solve each problem using a tape diagram.

1) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 934 sodas. They sold 1/9 as many small sodas as they did large sodas. And they sold 16 fewer medium sodas as they did large sodas. How many large sodas did they sell?

2) Will earned $336 mowing lawns over the summer. In July he earned 3 times as much as he did in August. And in June he earned 14 dollars fewer than in July. How much money did he earn in July?

3) Robin, her brother and her sister pooled their money to buy a console and some games. Together they had $427. Robin gave 1/6 as much as her sister and her brother gave $15 fewer than her sister. How much did her sister contribute?

4) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 226 cartons. They gave out 5 times as many chocolate as regular and they gave out 16 fewer strawberry than chocolate. How many cartons of chocolate milk did they give out?

5) The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned $377. The middle school ended up earning 8 times as much as the high school and the elementary earned $14 fewer than the high school. How much money did the high school earn?
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\[ \text{medium} \quad \text{large} \quad \text{small} \quad 934 + 16 \]

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\[ \text{June} \quad \text{July} \quad \text{August} \quad 336 + 14 \]

3) Robin, her brother and her sister pooled their money to buy a console and some games. Together they had $427. Robin gave 1/6 as much as her sister and her brother gave $15 fewer than her sister. How much did her sister contribute?

\[ \text{her brother} \quad \text{her sister} \quad \text{Robin} \quad 427 + 15 \]

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\[ \text{regular} \quad \text{chocolate} \quad \text{strawberry} \quad 226 + 16 \]

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\[ \text{elementary} \quad \text{middle} \quad \text{high} \quad 377 + 14 \]