





Solve each problem using a tape diagram.

**Answers**

- 1) In a school district the elementary school earned \$24 fundraising. The high school earned 2 times as much as the elementary school and the middle school earned \$9 less than the elementary. How much did they earn total?

Elementary	<div>24</div>
Middle	<div></div> <div>9</div>
High	<div></div> <div></div>

1. **87**2. **221**3. **61**4. **80**5. **179**

- 2) Amy, Billy and Carl were working on a school project. Amy spent 15 minutes on her portion. Billy spent 7 times as long on his portion. And Carl spent 4 minutes fewer than Billy did. How many minutes total were they working?

Amy	<div>15</div>
Billy	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>
Carl	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>

- 3) Alice, Bobby and Charles were collecting cans. Charles collected 3 times as many cans as Alice. Alice collected 11 cans. And Bobby collected 6 more cans than Alice. How many cans did they collect total?

Alice	<div>11</div>
Bobby	<div></div> <div>6</div>
Charles	<div></div> <div></div> <div></div>

- 4) Olivia uploaded a video to youtube that was 10 minutes long. The next week she uploaded a video that was 10 minutes longer. Then the following week she uploaded a video that was 5 times as long as the first week. How many minutes did she upload total?

Week 1	<div>10</div>
Week 2	<div></div> <div>10</div>
Week 3	<div></div> <div></div> <div></div> <div></div> <div></div>

- 5) Robin's TV emporium was running a contest to see which employee could sell the most TVs. Frank sold 6 times as many TVs as Danny. Edward sold 3 fewer than Frank. And Danny sold 14 TVs. How many TVs did they sell total?

Danny	<div>14</div>
Frank	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div>
Edward	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>