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 320 sodas. They sold 1/4 as many small sodas as they did large sodas. And they sold 13 fewer medium sodas as they did large sodas. How many large sodas did they sell?

2) Bianca, her brother and her sister pooled their money to buy a console and some games. Together they had $578. Bianca gave 1/8 as much as her sister and her brother gave $17 fewer than her sister. How much did her sister contribute?

3) Over the holiday weekend a game store sold 480 games. On Saturday they sold 7 times as many games as on Sunday. And on Friday they sold 15 fewer games than on Saturday. How many games did they sell on Friday?

4) Debby spent 241 minutes working on her report. She spent 5 times as long researching the topic as she did writing the paper. She also spent 12 minutes less than the time she spent researching just preparing material. How much time did she spend researching?

5) At the fair a vendor counted the number of balloons he gave away to kids, teens and adults. To teens he handed out 8 times as many as he had given to adults. To kids he gave out 8 fewer than he gave to teens. How many balloons did he give to teens, if he gave out 696 balloons all together?
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 320 sodas. They sold 1/4 as many small sodas as they did large sodas. And they sold 13 fewer medium sodas as they did large sodas. How many large sodas did they sell?

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\[320 + 13\]

2) Bianca, her brother and her sister pooled their money to buy a console and some games. Together they had $578. Bianca gave 1/8 as much as her sister and her brother gave $17 fewer than her sister. How much did her sister contribute?

<table>
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<tr>
<th>her brother</th>
<th>her sister</th>
<th>Bianca</th>
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\[578 + 17\]

3) Over the holiday weekend a game store sold 480 games. On Saturday they sold 7 times as many games as on Sunday. And on Friday they sold 15 fewer games than on Saturday. How many games did they sell on Friday?

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<th>Friday</th>
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\[480 + 15\]

4) Debby spent 241 minutes working on her report. She spent 5 times as long researching the topic as she did writing the paper. She also spent 12 minutes less than the time she spent researching just preparing material. How much time did she spend researching?

<table>
<thead>
<tr>
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<th>researching</th>
<th>writing</th>
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\[241 + 12\]

5) At the fair a vendor counted the number of balloons he gave away to kids, teens and adults. To teens he handed out 8 times as many as he had given to adults. To kids he gave out 8 fewer than he gave to teens. How many balloons did he give to teens, if he gave out 696 balloons all together?

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<tr>
<th>kids</th>
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<th>adults</th>
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\[696 + 18\]
Solve each problem using a tape diagram.

1) Over the holiday weekend a game store sold 892 games. On Saturday they sold 9 times as many games as on Sunday. And on Friday they sold 20 fewer games than on Saturday. How many games did they sell on Saturday?

2) The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned $612. The middle school ended up earning 7 times as much as the high school and the elementary earned $18 fewer than the high school. How much money did the elementary school earn?

3) Robin sent 329 text messages over the summer. In July she sent 3 times as many as she did in August. And in June she sent 14 fewer than in July. How many texts did she send in June?

4) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 725 cartons. They gave out 7 times as many chocolate as regular and they gave out 10 fewer strawberry than chocolate. How many cartons of strawberry milk did they give out?

5) Vanessa spent 320 minutes working on her report. She spent 4 times as long researching the topic as she did writing the paper. She also spent 13 minutes less than the time she spent researching just preparing material. How much time did she spend writing?

Answers

1. 
2. 
3. 
4. 
5. 

Creating Wholes With Tape Diagram
Math www.CommonCoreSheets.com
Solve each problem using a tape diagram.

1) Over the holiday weekend a game store sold 892 games. On Saturday they sold 9 times as many games as on Sunday. And on Friday they sold 20 fewer games than on Saturday. How many games did they sell on Saturday?

   Friday: 
   Saturday: 
   Sunday: 
   \[892 + 20\]

2) The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned $612. The middle school ended up earning 7 times as much as the high school and the elementary earned $18 fewer than the high school. How much money did the elementary school earn?

   elementary: 
   middle: 
   high: 
   \[612 + 18\]

3) Robin sent 329 text messages over the summer. In July she sent 3 times as many as she did in August. And in June she sent 14 fewer than in July. How many texts did she send in June?

   June: 
   July: 
   August: 
   \[329 + 14\]

4) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 725 cartons. They gave out 7 times as many chocolate as regular and they gave out 10 fewer strawberry than chocolate. How many cartons of strawberry milk did they give out?

   regular: 
   chocolate: 
   strawberry: 
   \[725 + 10\]

5) Vanessa spent 320 minutes working on her report. She spent 4 times as long researching the topic as she did writing the paper. She also spent 13 minutes less than the time she spent researching just preparing material. How much time did she spend writing?

   preparing: 
   researching: 
   writing: 
   \[320 + 13\]
1) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 515 cartons. They gave out 8 times as many chocolate as regular and they gave out 12 fewer strawberry than chocolate. How many cartons of chocolate milk did they give out?

2) Bianca, her brother and her sister pooled their money to buy a console and some games. Together they had $581. Bianca gave 1/8 as much as her sister and her brother gave $14 fewer than her sister. How much did Bianca contribute?

3) Amanda, Bianca and Cathy bake 290 muffins. Bianca bakes 4 times as many muffins as Cathy. Amanda bakes 16 fewer muffins than Bianca. How many muffins did Cathy bake?

4) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 275 sodas. They sold 1/3 as many small sodas as they did large sodas. And they sold 12 fewer medium sodas as they did large sodas. How many large sodas did they sell?

5) Vanessa sent 106 text messages over the summer. In July she sent twice as many as she did in August. And in June she sent 19 fewer than in July. How many texts did she send in July?
1) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 515 cartons. They gave out 8 times as many chocolate as regular and they gave out 12 fewer strawberry than chocolate. How many cartons of chocolate milk did they give out?

- regular
- chocolate
- strawberry

\[515 + 12\]

2) Bianca, her brother and her sister pooled their money to buy a console and some games. Together they had $581. Bianca gave 1/8 as much as her sister and her brother gave $14 fewer than her sister. How much did Bianca contribute?

- her brother
- her sister
- Bianca

\[581 + 14\]

3) Amanda, Bianca and Cathy bake 290 muffins. Bianca bakes 4 times as many muffins as Cathy. Amanda bakes 16 fewer muffins than Bianca. How many muffins did Cathy bake?

Amanda
Bianca
Cathy

\[290 + 16\]

4) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 275 sodas. They sold 1/3 as many small sodas as they did large sodas. And they sold 12 fewer medium sodas as they did large sodas. How many large sodas did they sell?

- medium
- large
- small

\[275 + 12\]

5) Vanessa sent 106 text messages over the summer. In July she sent twice as many as she did in August. And in June she sent 19 fewer than in July. How many texts did she send in July?

- June
- July
- August

\[106 + 19\]
1) Billy earned $668 mowing lawns over the summer. In July he earned 8 times as much as he did in August. And in June he earned 12 dollars fewer than in July. How much money did he earn in July?

2) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 567 sodas. They sold 1/8 as many small sodas as they did large sodas. And they sold 11 fewer medium sodas as they did large sodas. How many small sodas did they sell?

3) Robin sent 312 text messages over the summer. In July she sent 7 times as many as she did in August. And in June she sent 18 fewer than in July. How many texts did she send in June?

4) Amanda, Bianca and Cathy bake 449 muffins. Bianca bakes 6 times as many muffins as Cathy. Amanda bakes 19 fewer muffins than Bianca. How many muffins did Cathy bake?

5) Over the holiday weekend a game store sold 226 games. On Saturday they sold 3 times as many games as on Sunday. And on Friday they sold 19 fewer games than on Saturday. How many games did they sell on Friday?
1) Billy earned $668 mowing lawns over the summer. In July he earned 8 times as much as he did in August. And in June he earned 12 dollars fewer than in July. How much money did he earn in July?

   June:  
   July:  
   August:  

   \[668 + 12\]

2) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 567 sodas. They sold 1/8 as many small sodas as they did large sodas. And they sold 11 fewer medium sodas as they did large sodas. How many small sodas did they sell?

   medium:  
   large:  
   small:  

   \[567 + 11\]

3) Robin sent 312 text messages over the summer. In July she sent 7 times as many as she did in August. And in June she sent 18 fewer than in July. How many texts did she send in June?

   June:  
   July:  
   August:  

   \[312 + 18\]

4) Amanda, Bianca and Cathy bake 449 muffins. Bianca bakes 6 times as many muffins as Cathy. Amanda bakes 19 fewer muffins than Bianca. How many muffins did Cathy bake?

   Amanda:  
   Bianca:  
   Cathy:  

   \[449 + 19\]

5) Over the holiday weekend a game store sold 226 games. On Saturday they sold 3 times as many games as on Sunday. And on Friday they sold 19 fewer games than on Saturday. How many games did they sell on Friday?

   Friday:  
   Saturday:  
   Sunday:  

   \[226 + 19\]
Solve each problem using a tape diagram.

1) At the fair a vendor counted the number of balloons he gave away to kids, teens and adults. To teens he handed out 3 times as many as he had given to adults. To kids he gave out 3 fewer than he gave to teens. How many balloons did he give to teens, if he gave out 209 balloons all together?

2) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 409 sodas. They sold 1/7 as many small sodas as they did large sodas. And they sold 11 fewer medium sodas as they did large sodas. How many medium sodas did they sell?

3) Over the holiday weekend a game store sold 493 games. On Saturday they sold 6 times as many games as on Sunday. And on Friday they sold 14 fewer games than on Saturday. How many games did they sell on Saturday?

4) Amanda, Bianca and Cathy bake 188 muffins. Bianca bakes twice as many muffins as Cathy. Amanda bakes 12 fewer muffins than Bianca. How many muffins did Cathy bake?

5) Mike earned $149 mowing lawns over the summer. In July he earned 3 times as much as he did in August. And in June he earned 12 dollars fewer than in July. How much money did he earn in June?
1) At the fair a vendor counted the number of balloons he gave away to kids, teens and adults. To teens he handed out 3 times as many as he had given to adults. To kids he gave out 3 fewer than he gave to teens. How many balloons did he give to teens, if he gave out 209 balloons all together?

- kids
- teens
- adults

\[209 + 15\]

2) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 409 sodas. They sold 1/7 as many small sodas as they did large sodas. And they sold 11 fewer medium sodas as they did large sodas. How many medium sodas did they sell?

- medium
- large
- small

\[409 + 11\]

3) Over the holiday weekend a game store sold 493 games. On Saturday they sold 6 times as many games as on Sunday. And on Friday they sold 14 fewer games than on Saturday. How many games did they sell on Saturday?

- Friday
- Saturday
- Sunday

\[493 + 14\]

4) Amanda, Bianca and Cathy bake 188 muffins. Bianca bakes twice as many muffins as Cathy. Amanda bakes 12 fewer muffins than Bianca. How many muffins did Cathy bake?

- Amanda
- Bianca
- Cathy

\[188 + 12\]

5) Mike earned $149 mowing lawns over the summer. In July he earned 3 times as much as he did in August. And in June he earned 12 dollars fewer than in July. How much money did he earn in June?

- June
- July
- August

\[149 + 12\]
1) Over the holiday weekend a game store sold 291 games. On Saturday they sold 3 times as many games as on Sunday. And on Friday they sold 10 fewer games than on Saturday. How many games did they sell on Sunday?

2) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 940 cartons. They gave out 9 times as many chocolate as regular and they gave out 10 fewer strawberry than chocolate. How many cartons of chocolate milk did they give out?

3) Sam earned $527 mowing lawns over the summer. In July he earned 6 times as much as he did in August. And in June he earned 19 dollars fewer than in July. How much money did he earn in June?

4) The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned $835. The middle school ended up earning 9 times as much as the high school and the elementary earned $20 fewer than the high school. How much money did the elementary school earn?

5) Vanessa spent 491 minutes working on her report. She spent 6 times as long researching the topic as she did writing the paper. She also spent 16 minutes less than the time she spent researching just preparing material. How much time did she spend researching?
Solve each problem using a tape diagram.

1) Over the holiday weekend a game store sold 291 games. On Saturday they sold 3 times as many games as on Sunday. And on Friday they sold 10 fewer games than on Saturday. How many games did they sell on Sunday?

- Friday
- Saturday
- Sunday

\[
\text{291 + 10}
\]

2) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 940 cartons. They gave out 9 times as many chocolate as regular and they gave out 10 fewer strawberry than chocolate. How many cartons of chocolate milk did they give out?

- regular
- chocolate
- strawberry

\[
940 + 10
\]

3) Sam earned $527 mowing lawns over the summer. In July he earned 6 times as much as he did in August. And in June he earned 19 dollars fewer than in July. How much money did he earn in June?

- June
- July
- August

\[
527 + 19
\]

4) The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned $835. The middle school ended up earning 9 times as much as the high school and the elementary earned $20 fewer than the high school. How much money did the elementary school earn?

- elementary
- middle
- high

\[
835 + 20
\]

5) Vanessa spent 491 minutes working on her report. She spent 6 times as long researching the topic as she did writing the paper. She also spent 16 minutes less than the time she spent researching just preparing material. How much time did she spend researching?

- preparing
- researching
- writing

\[
491 + 16
\]

Answers

1. 43
2. 450
3. 233
4. 385
5. 234
1) Billy earned $535 mowing lawns over the summer. In July he earned 6 times as much as he did in August. And in June he earned 11 dollars fewer than in July. How much money did he earn in July?

2) Bianca sent 568 text messages over the summer. In July she sent 8 times as many as she did in August. And in June she sent 10 fewer than in July. How many texts did she send in August?

3) Robin, her brother and her sister pooled their money to buy a console and some games. Together they had $233. Robin gave 1/4 as much as her sister and her brother gave $10 fewer than her sister. How much did Robin contribute?

4) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 254 sodas. They sold 1/6 as many small sodas as they did large sodas. And they sold 19 fewer medium sodas as they did large sodas. How many small sodas did they sell?

5) Amanda, Bianca and Cathy bake 459 muffins. Bianca bakes 8 times as many muffins as Cathy. Amanda bakes 17 fewer muffins than Bianca. How many muffins did Cathy bake?
Solve each problem using a tape diagram.

1) Billy earned $535 mowing lawns over the summer. In July he earned 6 times as much as he did in August. And in June he earned 11 dollars fewer than in July. How much money did he earn in July?

- June: __________ dollars
- July: __________ dollars
- August: __________ dollars

2) Bianca sent 568 text messages over the summer. In July she sent 8 times as many as she did in August. And in June she sent 10 fewer than in July. How many texts did she send in August?

- June: __________ texts
- July: __________ texts
- August: __________ texts

3) Robin, her brother and her sister pooled their money to buy a console and some games. Together they had $233. Robin gave 1/4 as much as her sister and her brother gave $10 fewer than her sister. How much did Robin contribute?

- her brother: __________ dollars
- her sister: __________ dollars
- Robin: __________ dollars

4) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 254 sodas. They sold 1/6 as many small sodas as they did large sodas. And they sold 19 fewer medium sodas as they did large sodas. How many small sodas did they sell?

- medium: __________ sodas
- large: __________ sodas
- small: __________ sodas

5) Amanda, Bianca and Cathy bake 459 muffins. Bianca bakes 8 times as many muffins as Cathy. Amanda bakes 17 fewer muffins than Bianca. How many muffins did Cathy bake?

- Amanda: __________ muffins
- Bianca: __________ muffins
- Cathy: __________ muffins
Solve each problem using a tape diagram.

1) Billy earned $156 mowing lawns over the summer. In July he earned twice 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 August?

2) Over the holiday weekend a game store sold 147 games. On Saturday they sold twice as many games as on Sunday. And on Friday they sold 18 fewer games than on Saturday. How many games did they sell on Saturday?

3) Amanda, Bianca and Cathy bake 367 muffins. Bianca bakes 9 times as many muffins as Cathy. Amanda bakes 13 fewer muffins than Bianca. How many muffins did Amanda bake?

4) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 300 sodas. They sold 1/3 as many small sodas as they did large sodas. And they sold 15 fewer medium sodas as they did large sodas. How many medium sodas did they sell?

5) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 332 cartons. They gave out 3 times as many chocolate as regular and they gave out 11 fewer strawberry than chocolate. How many cartons of regular milk did they give out?
1) Billy earned $156 mowing lawns over the summer. In July he earned twice 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 August?

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<td>August</td>
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\[156 + 14\]

2) Over the holiday weekend a game store sold 147 games. On Saturday they sold twice as many games as on Sunday. And on Friday they sold 18 fewer games than on Saturday. How many games did they sell on Saturday?

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<th>Friday</th>
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<td>Sunday</td>
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\[147 + 18\]

3) Amanda, Bianca and Cathy bake 367 muffins. Bianca bakes 9 times as many muffins as Cathy. Amanda bakes 13 fewer muffins than Bianca. How many muffins did Amanda bake?

<table>
<thead>
<tr>
<th>Amanda</th>
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<tr>
<td>Bianca</td>
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<tr>
<td>Cathy</td>
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\[367 + 13\]

4) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 300 sodas. They sold 1/3 as many small sodas as they did large sodas. And they sold 15 fewer medium sodas as they did large sodas. How many medium sodas did they sell?

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\[300 + 15\]

5) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 332 cartons. They gave out 3 times as many chocolate as regular and they gave out 11 fewer strawberry than chocolate. How many cartons of regular milk did they give out?

| regular |  |  |
| chocolate |  |  |
| strawberry |  |  |

\[332 + 11\]
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?
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 $\frac{1}{9}$ 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?

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\[ \text{934 + 16} \]

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?

<table>
<thead>
<tr>
<th>June</th>
<th>July</th>
<th>August</th>
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\[ \text{336 + 14} \]

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

<table>
<thead>
<tr>
<th>her brother</th>
<th>her sister</th>
<th>Robin</th>
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\[ \text{427 + 15} \]

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?

<table>
<thead>
<tr>
<th>regular</th>
<th>chocolate</th>
<th>strawberry</th>
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\[ \text{226 + 16} \]

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?

<table>
<thead>
<tr>
<th>elementary</th>
<th>middle</th>
<th>high</th>
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\[ \text{377 + 14} \]
1) Amy spent 454 minutes working on her report. She spent 7 times as long researching the topic as she did writing the paper. She also spent 11 minutes less than the time she spent researching just preparing material. How much time did she spend researching?

2) Over the holiday weekend a game store sold 404 games. On Saturday they sold 4 times as many games as on Sunday. And on Friday they sold 10 fewer games than on Saturday. How many games did they sell on Saturday?

3) Amanda, Bianca and Cathy bake 353 muffins. Bianca bakes 5 times as many muffins as Cathy. Amanda bakes 10 fewer muffins than Bianca. How many muffins did Bianca bake?

4) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 498 cartons. They gave out 7 times as many chocolate as regular and they gave out 12 fewer strawberry than chocolate. How many cartons of chocolate milk did they give out?

5) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 754 sodas. They sold 1/8 as many small sodas as they did large sodas. And they sold 11 fewer medium sodas as they did large sodas. How many medium sodas did they sell?
Solve each problem using a tape diagram.

1) Amy spent 454 minutes working on her report. She spent 7 times as long researching the topic as she did writing the paper. She also spent 11 minutes less than the time she spent researching just preparing material. How much time did she spend researching?

preparing \[ \boxed{ } \] 
researching \[ \boxed{ } \] 
writing \[ \boxed{ } \] \[ 454 + 11 \]

2) Over the holiday weekend a game store sold 404 games. On Saturday they sold 4 times as many games as on Sunday. And on Friday they sold 10 fewer games than on Saturday. How many games did they sell on Saturday?

Friday \[ \boxed{ } \] 
Saturday \[ \boxed{ } \] 
Sunday \[ \boxed{ } \] \[ 404 + 10 \]

3) Amanda, Bianca and Cathy bake 353 muffins. Bianca bakes 5 times as many muffins as Cathy. Amanda bakes 10 fewer muffins than Bianca. How many muffins did Bianca bake?

Amanda \[ \boxed{ } \] 
Bianca \[ \boxed{ } \] 
Cathy \[ \boxed{ } \] \[ 353 + 10 \]

4) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 498 cartons. They gave out 7 times as many chocolate as regular and they gave out 12 fewer strawberry than chocolate. How many cartons of chocolate milk did they give out?

regular \[ \boxed{ } \] 
chocolate \[ \boxed{ } \] 
strawberry \[ \boxed{ } \] \[ 498 + 12 \]

5) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 754 sodas. They sold 1/8 as many small sodas as they did large sodas. And they sold 11 fewer medium sodas as they did large sodas. How many medium sodas did they sell?

medium \[ \boxed{ } \] 
large \[ \boxed{ } \] 
small \[ \boxed{ } \] \[ 754 + 11 \]