



Solve each problem using a tape diagram.

Answers

- 1) Amanda, Bianca and Cathy bake 130 muffins. Bianca bakes 3 times as many muffins as Cathy. Amanda bakes 17 fewer muffins than Bianca. How many muffins did Bianca bake?
- 2) The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned \$425. The middle school ended up earning 5 times as much as the high school and the elementary earned \$15 fewer than the high school. How much money did the high school earn?
- 3) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 374 sodas. They sold $\frac{1}{6}$ as many small sodas as they did large sodas. And they sold 16 fewer medium sodas as they did large sodas. How many small sodas did they sell?
- 4) At the fair a vendor counted the number of balloons he gave away to kids, teens and adults. To teens he handed out 9 times as many as he had given to adults. To kids he gave out 9 fewer than he gave to teens. How many balloons did he give to adults, if he gave out 902 balloons all together?
- 5) Over the holiday weekend a game store sold 533 games. On Saturday they sold 6 times as many games as on Sunday. And on Friday they sold 13 fewer games than on Saturday. How many games did they sell on Sunday?

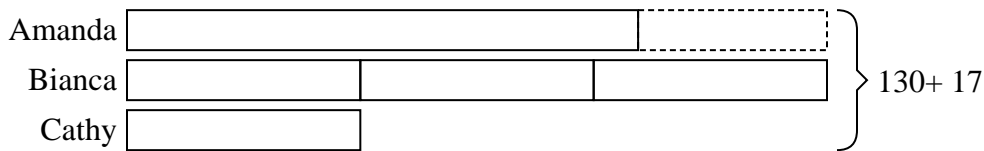
1. _____
2. _____
3. _____
4. _____
5. _____



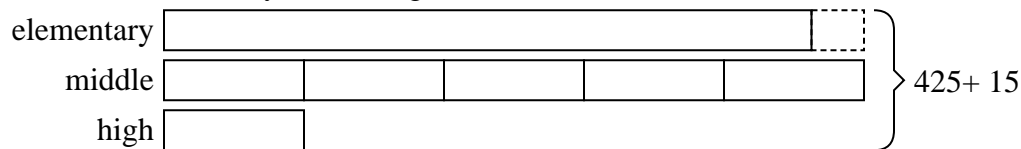
Solve each problem using a tape diagram.

Answers

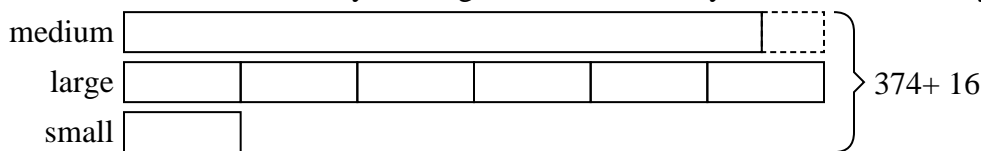
- 1) Amanda, Bianca and Cathy bake 130 muffins. Bianca bakes 3 times as many muffins as Cathy. Amanda bakes 17 fewer muffins than Bianca. How many muffins did Bianca bake?

1. **63**2. **40**3. **30**4. **48**5. **42**

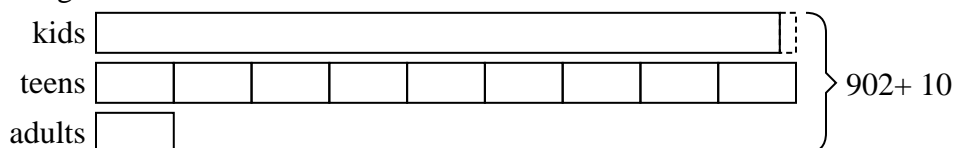
- 2) The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned \$425. The middle school ended up earning 5 times as much as the high school and the elementary earned \$15 fewer than the high school. How much money did the high school earn?



- 3) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 374 sodas. They sold $\frac{1}{6}$ as many small sodas as they did large sodas. And they sold 16 fewer medium sodas as they did large sodas. How many small sodas did they sell?



- 4) At the fair a vendor counted the number of balloons he gave away to kids, teens and adults. To teens he handed out 9 times as many as he had given to adults. To kids he gave out 9 fewer than he gave to teens. How many balloons did he give to adults, if he gave out 902 balloons all together?



- 5) Over the holiday weekend a game store sold 533 games. On Saturday they sold 6 times as many games as on Sunday. And on Friday they sold 13 fewer games than on Saturday. How many games did they sell on Sunday?

