



Solve each problem using a tape diagram.

Answers

1) The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned \$649. 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 elementary school earn?

1. _____

2. _____

3. _____

4. _____

5. _____

2) Over the holiday weekend a game store sold 383 games. On Saturday they sold 9 times as many games as on Sunday. And on Friday they sold 16 fewer games than on Saturday. How many games did they sell on Friday?

3) Gwen, her brother and her sister pooled their money to buy a console and some games. Together they had \$283. Gwen gave $\frac{1}{7}$ as much as her sister and her brother gave \$17 fewer than her sister. How much did her brother contribute?

4) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 569 cartons. They gave out 9 times as many chocolate as regular and they gave out 20 fewer strawberry than chocolate. How many cartons of regular milk did they give out?

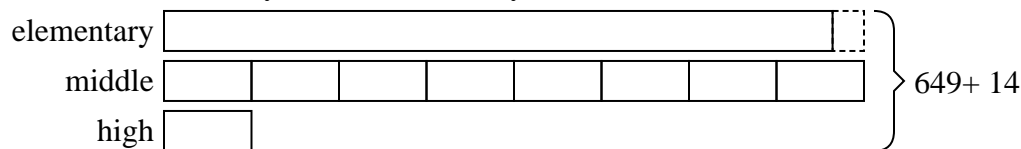
5) A theater owner was looking at how many sodas they sold of different sizes in a day. Total they sold 516 sodas. They sold $\frac{1}{5}$ as many small sodas as they did large sodas. And they sold 12 fewer medium sodas as they did large sodas. How many small sodas did they sell?



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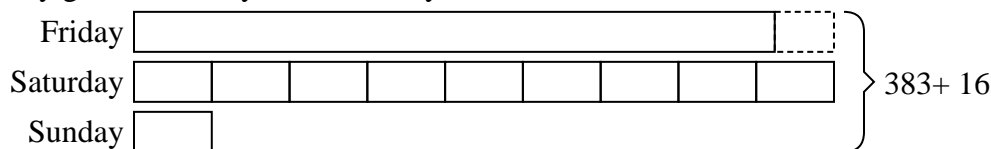
Answers

- 1) The elementary, middle and high schools were competing to see who could earn the most money fund raising. Together they earned \$649. 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 elementary school earn?



1. 298

- 2) Over the holiday weekend a game store sold 383 games. On Saturday they sold 9 times as many games as on Sunday. And on Friday they sold 16 fewer games than on Saturday. How many games did they sell on Friday?



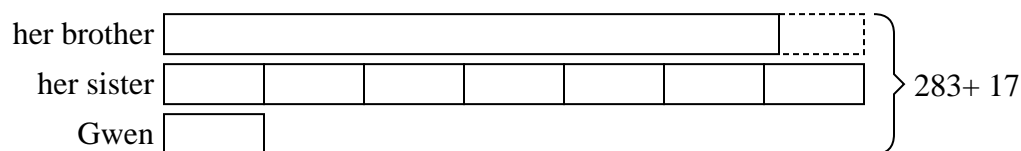
2. 173

3. 123

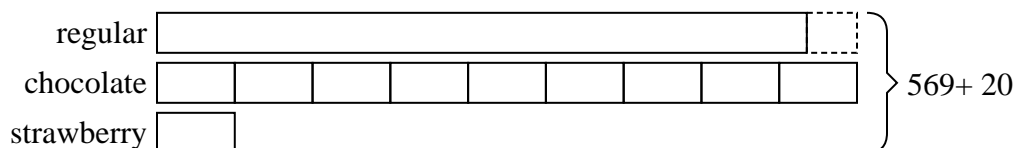
4. 259

5. 48

- 3) Gwen, her brother and her sister pooled their money to buy a console and some games. Together they had \$283. Gwen gave 1/7 as much as her sister and her brother gave \$17 fewer than her sister. How much did her brother contribute?



- 4) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 569 cartons. They gave out 9 times as many chocolate as regular and they gave out 20 fewer strawberry than chocolate. How many cartons of regular 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 516 sodas. They sold 1/5 as many small sodas as they did large sodas. And they sold 12 fewer medium sodas as they did large sodas. How many small sodas did they sell?

