

**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 262 sodas. They sold $\frac{1}{6}$ as many small sodas as they did large sodas. And they sold 11 fewer medium sodas as they did large sodas. How many large sodas did they sell?

- 2) Amy sent 315 text messages over the summer. In July she sent 6 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 July?

- 3) Over the holiday weekend a game store sold 287 games. On Saturday they sold 7 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 Saturday?

- 4) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 877 cartons. They gave out 9 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) At the fair a vendor counted the number of balloons he gave away to kids, teens and adults. To teens he handed out 4 times as many as he had given to adults. To kids he gave out 4 fewer than he gave to teens. How many balloons did he give to kids, if he gave out 397 balloons all together?

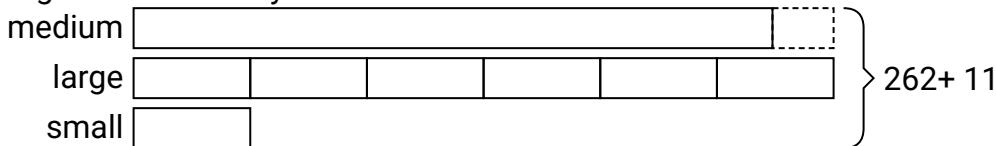
Answers

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

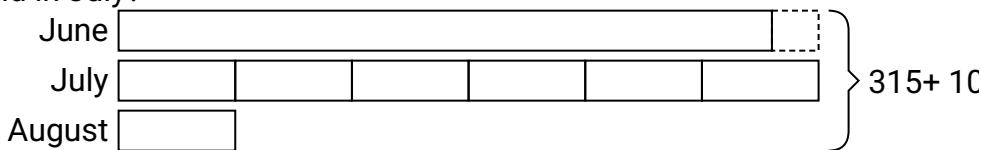


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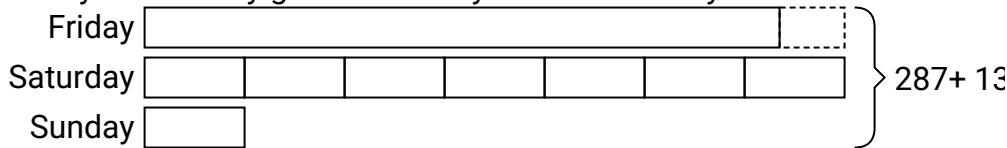
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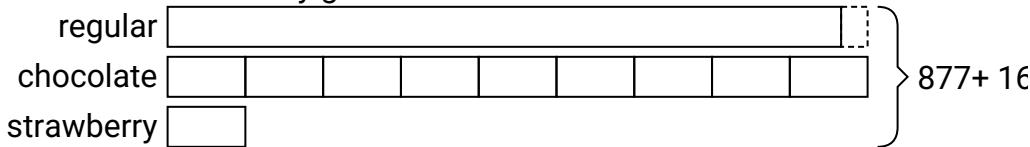
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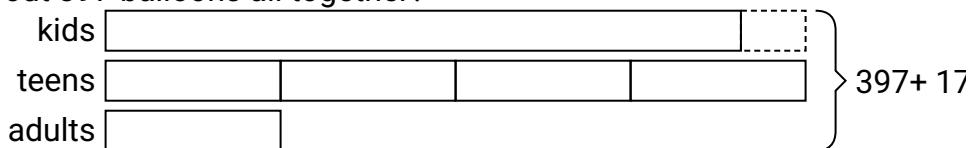
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**Answers**1. **126**2. **150**3. **140**4. **423**5. **167**