

**Solve each problem using a tape diagram.****Answers**

- 1) The cafeteria offered three types of milk: regular, chocolate and strawberry. On Friday they gave out 188 cartons. They gave out 4 times as many chocolate as regular and they gave out 19 fewer strawberry than chocolate. How many cartons of chocolate milk did they give out?
- 2) At the fair a vendor counted the number of balloons he gave away to kids, teens and adults. To teens he handed out 7 times as many as he had given to adults. To kids he gave out 7 fewer than he gave to teens. How many balloons did he give to kids, if he gave out 287 balloons all together?
- 3) Jerry earned \$592 mowing lawns over the summer. In July he earned 8 times as much as he did in August. And in June he earned 20 dollars fewer than in July. How much money did he earn in July?
- 4) Gwen sent 539 text messages over the summer. In July she sent 7 times as many as she did in August. And in June she sent 16 fewer than in July. How many texts did she send in June?
- 5) Isabel spent 180 minutes working on her report. She spent twice as long researching the topic as she did writing the paper. She also spent 10 minutes less than the time she spent researching just preparing material. How much time did she spend researching?

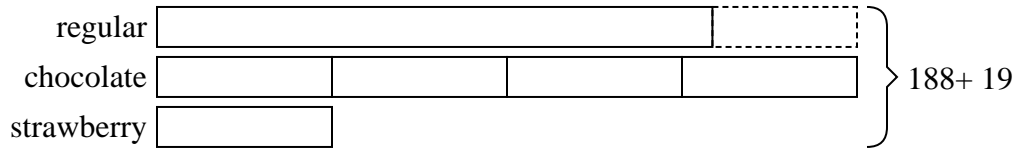
1. _____
2. _____
3. _____
4. _____
5. _____



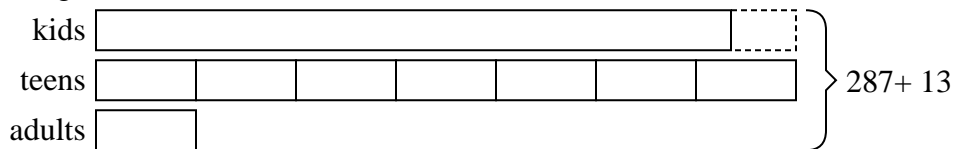
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Answers

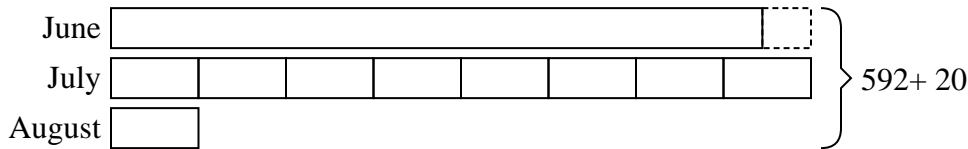
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1. **92**2. **127**3. **288**4. **243**

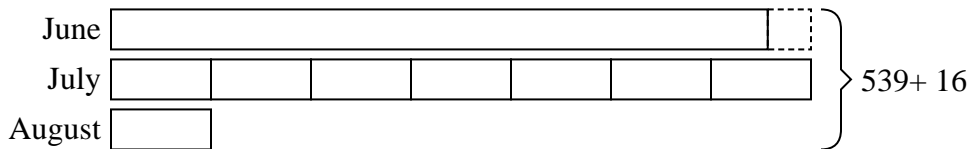
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5. **76**

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