# Multiples and Differences With Tape Diagram

Name:

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

**1)** At the fair the ring toss booth took in $18 the first hour. The second hour they took $5 less than the first hour. And the third hour they took 4 times the amount in the first hour. How much money did the ring toss booth take in the first 3 hours.

**2)** In one day a restaurant used 29 knives. They used 6 more forks than they used knives. They also used 2 as many spoons as knives. How many utensils do they use in a day?

**3)** Amy, Billy and Carl were working on a school project. Amy spent 23 minutes on her portion. Billy spent 6 times as long on his portion. And Carl spent 2 minutes fewer than Billy did. How many minutes total were they working?

**4)** While playing a video game Aaron, Bianca and Cathy counted the enemies they defeated. Aaron defeated 18. Bianca defeated 9 more than Aaron. And Cathy defeated 3 times as many as Aaron. How many enemies did they defeat total?

**5)** Emily's TV emporium was running a contest to see which employee could sell the most TVs. Frank sold 8 times as many TVs as Danny. Edward sold 4 fewer than Frank. And Danny sold 18 TVs. How many TVs did they sell total?

**Answers**

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



| 1-5 | 80 | 60 | 40 | 20 | 0 |
|---|---|---|---|---|---|

Multiples and Differences With Tape Diagram Name: **Answer Key**

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

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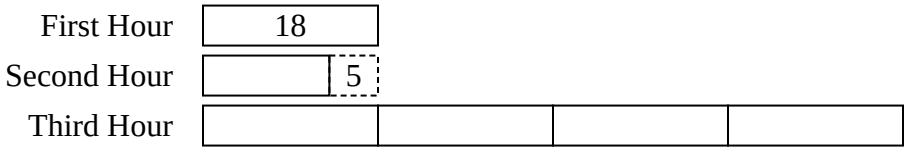


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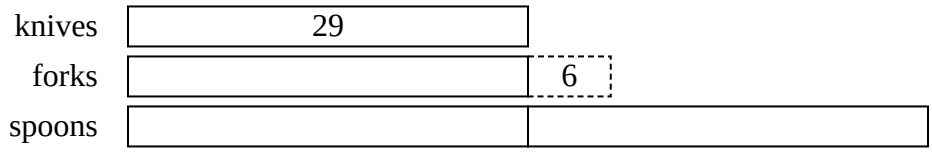


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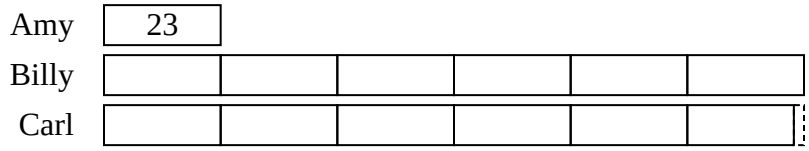


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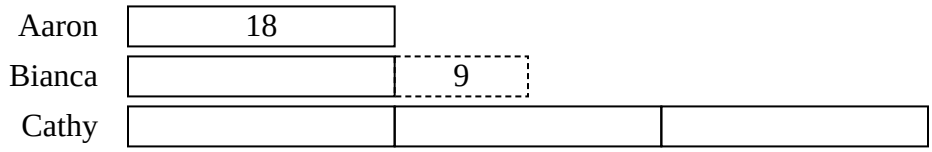


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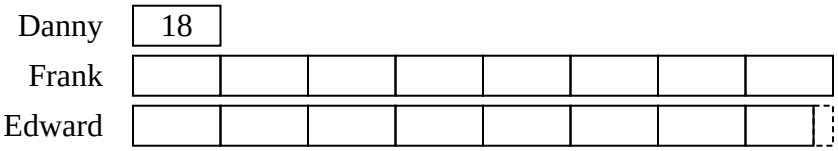


**Answers**

1. **103**
2. **122**
3. **297**
4. **99**
5. **302**



| 1-5 | 80 | 60 | 40 | 20 | 0 |
|---|---|---|---|---|---|