



Solve each problem using a tape diagram.

**Answers**

- 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?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



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**Answers**

- 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.

First Hour	<input type="text" value="18"/>
Second Hour	<input type="text" value="5"/>
Third Hour	<input type="text"/>

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

- 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?

knives	<input type="text" value="29"/>
forks	<input type="text" value="6"/>
spoons	<input type="text"/>

- 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?

Amy	<input type="text" value="23"/>
Billy	<input type="text"/>
Carl	<input type="text"/>

- 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?

Aaron	<input type="text" value="18"/>
Bianca	<input type="text" value="9"/>
Cathy	<input type="text"/>

- 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?

Danny	<input type="text" value="18"/>
Frank	<input type="text"/>
Edward	<input type="text"/>