



Solve each problem using a tape diagram.

**Answers**

- 1) At the fair the ring toss booth took in \$17 the first hour. The second hour they took \$7 less than the first hour. And the third hour they took 2 times the amount in the first hour. How much money did the ring toss booth take in the first 3 hours.
- 2) Haley's TV emporium was running a contest to see which employee could sell the most TVs. Frank sold 6 times as many TVs as Danny. Edward sold 5 fewer than Frank. And Danny sold 22 TVs. How many TVs did they sell total?
- 3) While playing a video game Aaron, Bianca and Cathy counted the enemies they defeated. Aaron defeated 26. Bianca defeated 9 more than Aaron. And Cathy defeated 2 times as many as Aaron. How many enemies did they defeat total?
- 4) The school book fair sold 27 books on Wednesday. On Friday they sold 3 fewer than Thursday. On Thursday they sold 8 times as many as on Wednesday. How many books did they sell in those three days?
- 5) A musician spent 17 hours practicing in January. In February he practiced for 9 hours longer than he did in January. Then in March he practiced for 5 times as long as January. How hours did he spend practicing?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_



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**Answers**

- 1) At the fair the ring toss booth took in \$17 the first hour. The second hour they took \$7 less than the first hour. And the third hour they took 2 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="17"/>
Second Hour	<input type="text" value="7"/>
Third Hour	<input type="text"/>

1. **61**2. **281**3. **113**4. **456**5. **128**

- 2) Haley's TV emporium was running a contest to see which employee could sell the most TVs. Frank sold 6 times as many TVs as Danny. Edward sold 5 fewer than Frank. And Danny sold 22 TVs. How many TVs did they sell total?

Danny	<input type="text" value="22"/>
Frank	<input type="text"/>
Edward	<input type="text"/>

- 3) While playing a video game Aaron, Bianca and Cathy counted the enemies they defeated. Aaron defeated 26. Bianca defeated 9 more than Aaron. And Cathy defeated 2 times as many as Aaron. How many enemies did they defeat total?

Aaron	<input type="text" value="26"/>
Bianca	<input type="text" value="9"/>
Cathy	<input type="text"/>

- 4) The school book fair sold 27 books on Wednesday. On Friday they sold 3 fewer than Thursday. On Thursday they sold 8 times as many as on Wednesday. How many books did they sell in those three days?

Wednesday	<input type="text" value="27"/>
Thursday	<input type="text"/>
Friday	<input type="text"/>

- 5) A musician spent 17 hours practicing in January. In February he practiced for 9 hours longer than he did in January. Then in March he practiced for 5 times as long as January. How hours did he spend practicing?

Jan.	<input type="text" value="17"/>
Feb.	<input type="text" value="9"/>
Mar.	<input type="text"/>