



Solve each problem using a tape diagram.

**Answers**

- 1) On Monday morning a store had 15 customer. In the afternoon they had 5 fewer customers than the morning. In the evening they had 3 times as many customers as the morning. How many customers did they have total?
- 2) Lana's TV emporium was running a contest to see which employee could sell the most TVs. Frank sold 9 times as many TVs as Danny. Edward sold 3 fewer than Frank. And Danny sold 21 TVs. How many TVs did they sell total?
- 3) On Friday a game store sold 15 copies of the new Mario game. On Saturday they sold 2 times as many as on Friday. And then on Sunday they sold 5 less than the amount on Friday. How many did they sell total?
- 4) While playing a video game Aaron, Bianca and Cathy counted the enemies they defeated. Aaron defeated 22. Bianca defeated 9 more than Aaron. And Cathy defeated 3 times as many as Aaron. How many enemies did they defeat total?
- 5) In October a pet store sold 25 kittens. In November they sold 6 times as many kittens as in October. Then in December they sold 3 fewer kittens as in November. How many kittens did they sell across the three months?

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

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

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

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

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



Solve each problem using a tape diagram.

**Answers**

- 1) On Monday morning a store had 15 customer. In the afternoon they had 5 fewer customers than the morning. In the evening they had 3 times as many customers as the morning. How many customers did they have total?

Morning	<input type="text" value="15"/>		
Afternoon	<input type="text"/>	<input type="text" value="5"/>	
Evening	<input type="text"/>	<input type="text"/>	<input type="text"/>

1. **70**2. **396**3. **55**4. **119**5. **322**

- 2) Lana's TV emporium was running a contest to see which employee could sell the most TVs. Frank sold 9 times as many TVs as Danny. Edward sold 3 fewer than Frank. And Danny sold 21 TVs. How many TVs did they sell total?

Danny	<input type="text" value="21"/>								
Frank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Edward	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- 3) On Friday a game store sold 15 copies of the new Mario game. On Saturday they sold 2 times as many as on Friday. And then on Sunday they sold 5 less than the amount on Friday. How many did they sell total?

Friday	<input type="text" value="15"/>	
Sunday	<input type="text"/>	<input type="text" value="5"/>
Saturday	<input type="text"/>	<input type="text"/>

- 4) While playing a video game Aaron, Bianca and Cathy counted the enemies they defeated. Aaron defeated 22. 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="22"/>	
Bianca	<input type="text"/>	<input type="text" value="9"/>
Cathy	<input type="text"/>	<input type="text"/>

- 5) In October a pet store sold 25 kittens. In November they sold 6 times as many kittens as in October. Then in December they sold 3 fewer kittens as in November. How many kittens did they sell across the three months?

October	<input type="text" value="25"/>					
November	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
December	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>