

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

- 1) In one day a restaurant used 11 knives. They used 10 more forks than they used knives. They also used 4 as many spoons as knives. How many utensils do they use in a day?
  
  
  
  
  
  
  
  
  
  
- 2) Janet's TV emporium was running a contest to see which employee could sell the most TVs. Frank sold 10 times as many TVs as Danny. Edward sold 2 fewer than Frank. And Danny sold 25 TVs. How many TVs did they sell total?
  
  
  
  
  
  
  
  
  
  
- 3) On Friday a game store sold 12 copies of the new Mario game. On Saturday they sold 3 times as many as on Friday. And then on Sunday they sold 7 less than the amount on Friday. How many did they sell total?
  
  
  
  
  
  
  
  
  
  
- 4) Luke was reading a book. He read 22 pages on Monday and 9 times as many pages on Tuesday. On Wednesday he read 3 fewer pages than the amount he read on Tuesday. How many pages did he read total?
  
  
  
  
  
  
  
  
  
  
- 5) At the fair the ring toss booth took in \$25 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.

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

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

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

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

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



Solve each problem using a tape diagram.

**Answers**

- 1) In one day a restaurant used 11 knives. They used 10 more forks than they used knives. They also used 4 as many spoons as knives. How many utensils do they use in a day?

knives	<input type="text" value="11"/>	
forks	<input type="text"/>	<input type="text" value="10"/>
spoons	<input type="text"/>	<input type="text"/>

1. **76**2. **523**3. **53**4. **415**5. **145**

- 2) Janet's TV emporium was running a contest to see which employee could sell the most TVs. Frank sold 10 times as many TVs as Danny. Edward sold 2 fewer than Frank. And Danny sold 25 TVs. How many TVs did they sell total?

Danny	<input type="text" value="25"/>	
Frank	<input type="text"/>	<input type="text"/>
Edward	<input type="text"/>	<input type="text"/>

- 3) On Friday a game store sold 12 copies of the new Mario game. On Saturday they sold 3 times as many as on Friday. And then on Sunday they sold 7 less than the amount on Friday. How many did they sell total?

Friday	<input type="text" value="12"/>	
Sunday	<input type="text"/>	<input type="text" value="7"/>
Saturday	<input type="text"/>	<input type="text"/>

- 4) Luke was reading a book. He read 22 pages on Monday and 9 times as many pages on Tuesday. On Wednesday he read 3 fewer pages than the amount he read on Tuesday. How many pages did he read total?

Monday	<input type="text" value="22"/>	
Tuesday	<input type="text"/>	<input type="text"/>
Wednesday	<input type="text"/>	<input type="text"/>

- 5) At the fair the ring toss booth took in \$25 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="25"/>	
Second Hour	<input type="text"/>	<input type="text" value="5"/>
Third Hour	<input type="text"/>	<input type="text"/>