



Answers

- 1) Alice, Bobby and Charles were collecting cans. Charles collected 3 times as many cans as Alice. Alice collected 17 cans. And Bobby collected 5 more cans than Alice. How many cans did they collect total?
- 2) In one day a restaurant used 19 knives. They used 9 more forks than they used knives. They also used 4 as many spoons as knives. How many utensils do they use in a day?
- 3) The school book fair sold 20 books on Wednesday. On Friday they sold 5 fewer than Thursday. On Thursday they sold 10 times as many as on Wednesday. How many books did they sell in those three days?
- 4) Debby's TV emporium was running a contest to see which employee could sell the most TVs. Frank sold 7 times as many TVs as Danny. Edward sold 5 fewer than Frank. And Danny sold 22 TVs. How many TVs did they sell total?
- 5) At the fair the ring toss booth took in \$22 the first hour. The second hour they took \$10 less than the first hour. And the third hour they took 3 times the amount in the first hour. How much money did the ring toss booth take in the first 3 hours.

5.



Solve each problem using a tape diagram.

Answers

- 1) Alice, Bobby and Charles were collecting cans. Charles collected 3 times as many cans as Alice. Alice collected 17 cans. And Bobby collected 5 more cans than Alice. How many cans did they collect total?

Alice	17		
Bobby		5	
Charles			

1. **90**

2. **123**

3. **415**

4. **325**

5. **100**

- 2) In one day a restaurant used 19 knives. They used 9 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	19		
forks		9	
spoons			

- 3) The school book fair sold 20 books on Wednesday. On Friday they sold 5 fewer than Thursday. On Thursday they sold 10 times as many as on Wednesday. How many books did they sell in those three days?

Wednesday	20		
Thursday			
Friday			

- 4) Debby's TV emporium was running a contest to see which employee could sell the most TVs. Frank sold 7 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	22		
Frank			
Edward			

- 5) At the fair the ring toss booth took in \$22 the first hour. The second hour they took \$10 less than the first hour. And the third hour they took 3 times the amount in the first hour. How much money did the ring toss booth take in the first 3 hours.

First Hour	22		
Second Hour		10	
Third Hour			