Multiples and Differences With Tape Diagram

Name:

Solve each problem using a tape diagram.

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.

Answers

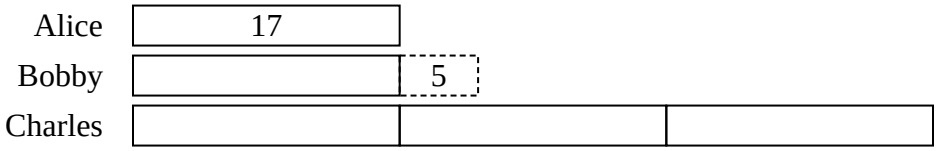
1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

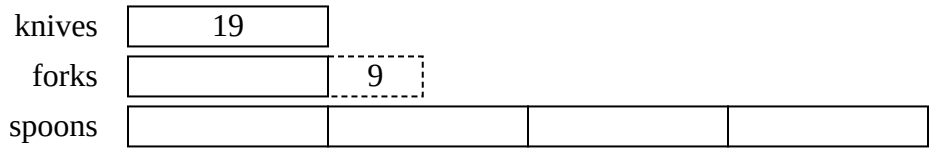
Multiples and Differences With Tape Diagram Name: **Answer Key**

Solve each problem using a tape diagram.

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?



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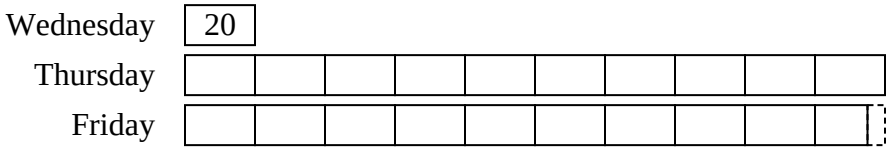

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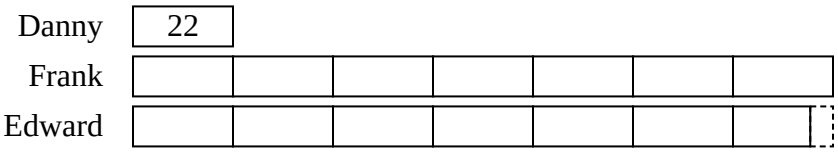
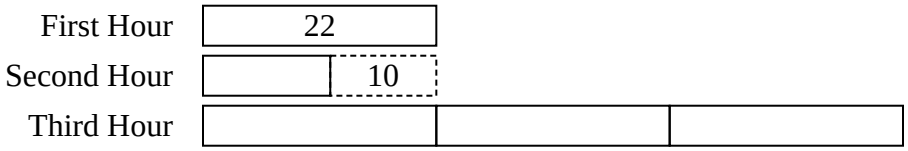


5) At the fair the ring toss booth took in $22 the first hour. The second hour they took $10 less than the first hour. And the third hour they took 3 times the amount in the first hour. How much money did the ring toss booth take in the first 3 hours.



Answers

1. 90
2. 123
3. 415
4. 325
5. 100

1-5	80	60	40	20	0