Multiples and Differences With Tape Diagram

Name:

Solve each problem using a tape diagram.

1) In one day a restaurant used 11 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?

1. _____

2. _____

3. _____

4. _____

2) Billy was reading a book. He read 15 pages on Monday and 10 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. _____

3) Alice, Bobby and Charles were collecting cans. Charles collected 5 times as many cans as Alice. Alice collected 25 cans. And Bobby collected 5 more cans than Alice. How many cans did they collect total?

4) In one day Ned's Pizza Palace sold 12 sausage pizzas. They sold 10 fewer cheese pizzas and 3 times as many pepperoni pizzas. How many pizzas did they sell total?
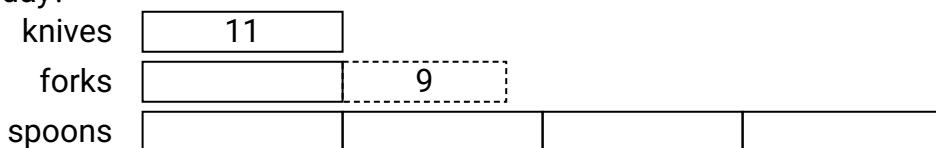
5) In April, Larry's Lawn Care mowed 14 lawns. They mowed 5 times as many in May and 7 fewer in June. How many lawns did they mow over those three months?
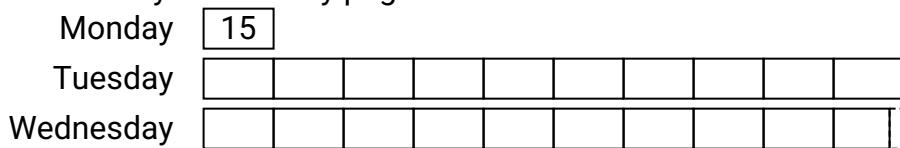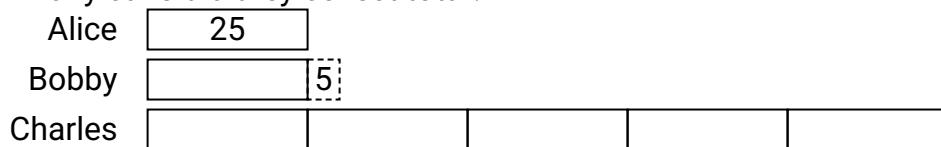
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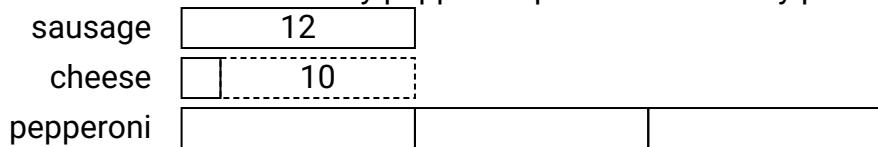
knives	11
forks	9
spoons	

2) Billy was reading a book. He read 15 pages on Monday and 10 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?
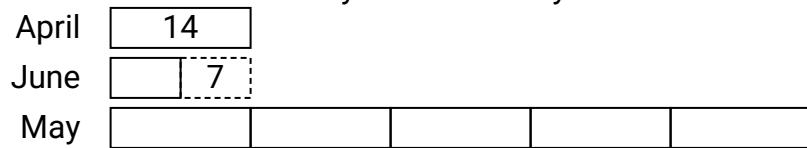
Monday | 15
Tuesday
Wednesday

3) Alice, Bobby and Charles were collecting cans. Charles collected 5 times as many cans as Alice. Alice collected 25 cans. And Bobby collected 5 more cans than Alice. How many cans did they collect total?

Alice | 25
Bobby | 5
Charles

4) In one day Ned's Pizza Palace sold 12 sausage pizzas. They sold 10 fewer cheese pizzas and 3 times as many pepperoni pizzas. How many pizzas did they sell total?

sausage | 12
cheese | 10
pepperoni

5) In April, Larry's Lawn Care mowed 14 lawns. They mowed 5 times as many in May and 7 fewer in June. How many lawns did they mow over those three months?

April | 14
June | 7
May

Answers

1. **75**

2. **312**

3. **180**

4. **50**

5. **91**