

Solve each problem using a tape diagram.

Answers

- 1) A store sold 28 C batteries in a day. They sold 4 as many AAA batteries as C batteries and 6 times as many AA as AAA batteries. How many batteries did they sell total?
- 2) Chef Billy buys 22 carrots. He buys 2 times as many potatoes as carrots and 3 times as many tomatoes as potatoes. How many vegetables did he buy all together?
- 3) On week 1 a football player jogged for 40 minutes. On week 2 he jogged for 4 times as long. On week 3 he jogged for 2 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?
- 4) In one day a restaurant used 27 knives. They also used 3 as many forks as they used knives. And 2 times as many spoons as forks. How many utensils do they use in a day?
- 5) In one day a restaurant used 29 knives. They also used 8 as many forks as they used knives. And 9 times as many spoons as forks. How many utensils do they use in a day?

1. _____

2. _____

3. _____

4. _____

5. _____



Solve each problem using a tape diagram.

Answers

- 1) A store sold 28 C batteries in a day. They sold 4 as many AAA batteries as C batteries and 6 times as many AA as AAA batteries. How many batteries did they sell total?

C

AAA

AA

1. **812**2. **198**3. **520**4. **270**5. **2349**

- 2) Chef Billy buys 22 carrots. He buys 2 times as many potatoes as carrots and 3 times as many tomatoes as potatoes. How many vegetables did he buy all together?

Carrots

Potatoes

Tomatoes

- 3) On week 1 a football player jogged for 40 minutes. On week 2 he jogged for 4 times as long. On week 3 he jogged for 2 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?

Week 1

Week 2

Week 3

- 4) In one day a restaurant used 27 knives. They also used 3 as many forks as they used knives. And 2 times as many spoons as forks. How many utensils do they use in a day?

knives

forks

spoons

- 5) In one day a restaurant used 29 knives. They also used 8 as many forks as they used knives. And 9 times as many spoons as forks. How many utensils do they use in a day?

knives

forks

spoons