

Solve each problem using a tape diagram.

Answers

- 1) In one day a restaurant used 21 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?
- 2) An ice cream shop sold 50 waffle cones. They sold 3 times as many sugar cones as waffle cones and 2 times as many wafer cones as sugar cones. How many cones did they sell total?
- 3) A store sold 17 C batteries in a day. They sold 8 as many AAA batteries as C batteries and 5 times as many AA as AAA batteries. How many batteries did they sell total?
- 4) In one day a restaurant used 25 knives. They also used 4 as many forks as they used knives. And 5 times as many spoons as forks. How many utensils do they use in a day?
- 5) Chef Luke buys 13 carrots. He buys 4 times as many potatoes as carrots and 3 times as many tomatoes as potatoes. How many vegetables did he buy all together?

1. _____

2. _____

3. _____

4. _____

5. _____

Solve each problem using a tape diagram.

- 1) In one day a restaurant used 21 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	21					
forks						
spoons						

- 2) An ice cream shop sold 50 waffle cones. They sold 3 times as many sugar cones as waffle cones and 2 times as many wafer cones as sugar cones. How many cones did they sell total?

Waffle	50					
Sugar						
Wafer						

- 3) A store sold 17 C batteries in a day. They sold 8 as many AAA batteries as C batteries and 5 times as many AA as AAA batteries. How many batteries did they sell total?

Diagram illustrating the structure of a 128-bit vector:

- Root node: **C** (1 square)
- Intermediate node: **AAA** (8 squares)
- Leaf node: **AA** (64 squares)

- 4) In one day a restaurant used 25 knives. They also used 4 as many forks as they used knives. And 5 times as many spoons as forks. How many utensils do they use in a day?

[illegible]

- 5) Chef Luke buys 13 carrots. He buys 4 times as many potatoes as carrots and 3 times as many tomatoes as potatoes. How many vegetables did he buy all together?

[illegible]

Answers

1. **210**

2. **500**

3. **833**4. **625**

5. **221**