



Answers

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

Solve each problem using a tape diagram.

Answers

- 1) A store sold 41 C batteries in a day. They sold 7 as many AAA batteries as C batteries and 6 times as many AA as AAA batteries. How many batteries did they sell total?

Diagram illustrating the structure of a 4x4x4 cube, showing the hierarchy of sub-cubes:

- Level 1 (C): 1 sub-cube of size 4.
- Level 2 (AAA): 6 sub-cubes of size 4.
- Level 3 (AA): 24 sub-cubes of size 4.

1. 2050

2. **209**

3. **578**

4. **1606**

5. 520

- 2) On week 1 a football player jogged for 11 minutes. On week 2 he jogged for 2 times as long. On week 3 he jogged for 8 times as long as he jogged on week 2. How many minutes did he jog across all 3 weeks?

[illegible]

- 3) On week 1 a football player jogged for 34 minutes. On week 2 he jogged for 4 times as long. On week 3 he jogged for 3 times as long as he jogged on week 2. How many minutes did he jog across all 3 weeks?

[illegible]

- 4) In one day a restaurant used 22 knives. They also used 9 as many forks as they used knives. And 7 times as many spoons as forks. How many utensils do they use in a day?

knives 22

forks

spoons

- 5) Chef Oliver buys 40 carrots. He buys 4 times as many potatoes as carrots and 2 times as many tomatoes as potatoes. How many vegetables did he buy all together?

Carrots	40						
Potatoes							
Tomatoes							