



Solve each problem using a tape diagram.

- 1) A store sold 37 C batteries in a day. They sold 4 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total?

- 2) A school principal was looking over grades. In math 34 students scored a C. 2 times as many students scored a B. And 2 times as many students scored an A as scored a B. How many students scored an A, B or C?

- 3) A movie theater typically sells 10 small sodas a day. They also sell about 4 times as many medium and 7 times as many large sodas. How many sodas do they sell in a day?

- 4) Debby's Pizza Place sold 27 sausage pizzas on Super Bowl Sunday. They also sold about 8 times as many cheese pizzas and 5 times as many pepperoni pizzas. How many pizzas did they sell total?

- 5) A malt shop sold 47 vanilla shakes. They sold 9 times as many strawberry shakes and 2 times as many chocolate shakes. How many shakes did they sell total?

Answers

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



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- 1) A store sold 37 C batteries in a day. They sold 4 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total?

C

AAA

AA

- 2) A school principal was looking over grades. In math 34 students scored a C. 2 times as many students scored a B. And 2 times as many students scored an A as scored a B. How many students scored an A, B or C?

C

B

A

- 3) A movie theater typically sells 10 small sodas a day. They also sell about 4 times as many medium and 7 times as many large sodas. How many sodas do they sell in a day?

Small

Medium

Large

- 4) Debby's Pizza Place sold 27 sausage pizzas on Super Bowl Sunday. They also sold about 8 times as many cheese pizzas and 5 times as many pepperoni pizzas. How many pizzas did they sell total?

Sausage

Cheese

Pepperoni

- 5) A malt shop sold 47 vanilla shakes. They sold 9 times as many strawberry shakes and 2 times as many chocolate shakes. How many shakes did they sell total?

vanilla

strawberry

chocolate

Answers

1. 629
2. 238
3. 120
4. 378
5. 564