

**Solve each problem using a tape diagram.**

## Answers

- 1) An ice cream shop sold 18 waffle cones. They sold 2 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?
- 2) On Halloween Luke scored 10 pieces of gummi candy. He got 9 times as much sugar candy and 9 times as much chocolate candy. How many pieces of candy did he get total?
- 3) A store sold 20 C batteries in a day. They sold 3 as many AAA batteries as C batteries and 2 times as many AA as AAA batteries. How many batteries did they sell total?
- 4) Carol's Pizza Place sold 18 sausage pizzas on Super Bowl Sunday. They also sold about 3 times as many cheese pizzas and 8 times as many pepperoni pizzas. How many pizzas did they sell total?
- 5) Chef George buys 11 carrots. He buys 2 times as many potatoes as carrots and 2 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) An ice cream shop sold 18 waffle cones. They sold 2 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	18								
Sugar									
Wafer									

- 2) On Halloween Luke scored 10 pieces of gummi candy. He got 9 times as much sugar candy and 9 times as much chocolate candy. How many pieces of candy did he get total?

Gummi	10								
Sugary									
Chocolate									

- 3) A store sold 20 C batteries in a day. They sold 3 as many AAA batteries as C batteries and 2 times as many AA as AAA batteries. How many batteries did they sell total?

C	20								
AAA									
AA									

- 4) Carol's Pizza Place sold 18 sausage pizzas on Super Bowl Sunday. They also sold about 3 times as many cheese pizzas and 8 times as many pepperoni pizzas. How many pizzas did they sell total?

Sausage	18								
Cheese									
Pepperoni									

- 5) Chef George buys 11 carrots. He buys 2 times as many potatoes as carrots and 2 times as many tomatoes as potatoes. How many vegetables did he buy all together?

Carrots	11								
Potatoes									
Tomatoes									

Answers

1. **126**
2. **190**
3. **200**
4. **216**
5. **77**