Multiplication With Tape Diagram

Name:

Solve each problem using a tape diagram.

1) Chef Edward buys 22 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?

1. _____

2. _____

3. _____

4. _____

2) On Halloween Henry scored 20 pieces of gummi candy. He got 2 times as much sugar candy and 7 times as much chocolate candy. How many pieces of candy did he get total?

5. _____

3) 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?

4) Janet's Pizza Place sold 43 sausage pizzas on Super Bowl Sunday. They also sold about 3 times as many cheese pizzas and 7 times as many pepperoni pizzas. How many pizzas did they sell total?

5) A malt shop sold 45 vanilla shakes. They sold 8 times as many strawberry shakes and 8 times as many chocolate shakes. How many shakes did they sell total?

Math

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Solve each problem using a tape diagram.

1) Chef Edward buys 22 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 | 22
Potatoes
Tomatoes

1. **286**

2) On Halloween Henry scored 20 pieces of gummi candy. He got 2 times as much sugar candy and 7 times as much chocolate candy. How many pieces of candy did he get total?

Gummi | 20
Sugary
Chocolate

2. **200**

3. **500**

4. **473**

3) 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

5. **765**

4) Janet's Pizza Place sold 43 sausage pizzas on Super Bowl Sunday. They also sold about 3 times as many cheese pizzas and 7 times as many pepperoni pizzas. How many pizzas did they sell total?

Sausage | 43
Cheese
Pepperoni

5) A malt shop sold 45 vanilla shakes. They sold 8 times as many strawberry shakes and 8 times as many chocolate shakes. How many shakes did they sell total?

vanilla | 45
strawberry
chocolate