Multiplication With Tape Diagram

Solve each problem using a tape diagram.

1) Janet's Pizza Place sold 30 sausage pizzas on Super Bowl Sunday. They also sold about 4 times as many cheese pizzas and 5 times as many pepperoni pizzas. How many pizzas did they sell total?

1. _____

2. _____

3. _____

4. _____

2) In one day a restaurant used 17 knives. They also used 4 as many forks as they used knives. And 2 times as many spoons as forks. How many utensils do they use in a day?

5. _____

3) On Halloween Frank scored 13 pieces of gummi candy. He got 4 times as much sugar candy and 4 times as much chocolate candy. How many pieces of candy did he get total?

4) On week 1 a football player jogged for 23 minutes. On week 2 he jogged for 2 times as long. On week 3 he jogged for 2 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?

5) Stephanie and her friends were collecting cans to recycle. Stephanie collected 24. Her friend Jessica collected 5 times as many and her other friend Sarah collected 5 times as many. How many cans did they collect total?

Solve each problem using a tape diagram.

1) Janet's Pizza Place sold 30 sausage pizzas on Super Bowl Sunday. They also sold about 4 times as many cheese pizzas and 5 times as many pepperoni pizzas. How many pizzas did they sell total?

Sausage [30]

Cheese [| | |]

Pepperoni [| | | |]

2) In one day a restaurant used 17 knives. They also used 4 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 [17]

forks [| | |]

spoons [| | | | | | |]

3) On Halloween Frank scored 13 pieces of gummi candy. He got 4 times as much sugar candy and 4 times as much chocolate candy. How many pieces of candy did he get total?

Gummi [13]

Sugary [| | |]

Chocolate [| | |]

4) On week 1 a football player jogged for 23 minutes. On week 2 he jogged for 2 times as long. On week 3 he jogged for 2 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?

Week 1 [23]

Week 2 [|]

Week 3 [| | |]

5) Stephanie and her friends were collecting cans to recycle. Stephanie collected 24. Her friend Jessica collected 5 times as many and her other friend Sarah collected 5 times as many. How many cans did they collect total?

Stephanie [24]

Jessica [| | | |]

Sarah [| | | |]

#	Answer
1.	**300**
2.	**221**
3.	**117**
4.	**161**
5.	**264**