1) Stephanie and her friends were collecting cans to recycle. Stephanie collected 36. Her friend Jessica collected 3 times as many and her other friend Sarah collected 6 times as many. How many cans did they collect total?

2) On week 1 a football player jogged for 21 minutes. On week 2 he jogged for 2 times as long. On week 3 he jogged for 3 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?

3) In one day a restaurant used 37 knives. They also used 2 as many forks as they used knives. And 2 times as many spoons as forks. How many utensils do they use in a day?

4) Vanessa's Pizza Place sold 46 sausage pizzas on Super Bowl Sunday. They also sold about 6 times as many cheese pizzas and 6 times as many pepperoni pizzas. How many pizzas did they sell total?

5) Chef John buys 46 carrots. He buys 2 times as many potatoes as carrots and 3 times as many tomatoes as potatoes. How many vegetables did he buy all together?
Solve each problem using a tape diagram.

1) Stephanie and her friends were collecting cans to recycle. Stephanie collected 36. Her friend Jessica collected 3 times as many and her other friend Sarah collected 6 times as many. How many cans did they collect total?

- Stephanie: 36
- Jessica: [diagram]
- Sarah: [diagram]

2) On week 1 a football player jogged for 21 minutes. On week 2 he jogged for 2 times as long. On week 3 he jogged for 3 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?

- Week 1: 21
- Week 2: [diagram]
- Week 3: [diagram]

3) In one day a restaurant used 37 knives. They also used 2 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: 37
- Forks: [diagram]
- Spoons: [diagram]

4) Vanessa’s Pizza Place sold 46 sausage pizzas on Super Bowl Sunday. They also sold about 6 times as many cheese pizzas and 6 times as many pepperoni pizzas. How many pizzas did they sell total?

- Sausage: 46
- Cheese: [diagram]
- Pepperoni: [diagram]

5) Chef John buys 46 carrots. He buys 2 times as many potatoes as carrots and 3 times as many tomatoes as potatoes. How many vegetables did he buy all together?

- Carrots: 46
- Potatoes: [diagram]
- Tomatoes: [diagram]