



Solve each problem using a tape diagram.

- 1) Stephanie and her friends were collecting cans to recycle. Stephanie collected 50. Her friend Jessica collected 6 times as many and her other friend Sarah collected 4 times as many. How many cans did they collect total?

- 2) In one day a restaurant used 42 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?

- 3) A movie theater typically sells 19 small sodas a day. They also sell about 6 times as many medium and 4 times as many large sodas. How many sodas do they sell in a day?

- 4) Vanessa's Pizza Place sold 12 sausage pizzas on Super Bowl Sunday. They also sold about 2 times as many cheese pizzas and 7 times as many pepperoni pizzas. How many pizzas did they sell total?

- 5) Chef John buys 26 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?

Answers

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



Solve each problem using a tape diagram.

- 1) Stephanie and her friends were collecting cans to recycle. Stephanie collected 50. Her friend Jessica collected 6 times as many and her other friend Sarah collected 4 times as many. How many cans did they collect total?

Stephanie

Jessica

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Sarah

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- 2) In one day a restaurant used 42 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

forks

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spoons

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- 3) A movie theater typically sells 19 small sodas a day. They also sell about 6 times as many medium and 4 times as many large sodas. How many sodas do they sell in a day?

Small

Medium

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Large

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- 4) Vanessa's Pizza Place sold 12 sausage pizzas on Super Bowl Sunday. They also sold about 2 times as many cheese pizzas and 7 times as many pepperoni pizzas. How many pizzas did they sell total?

Sausage

Cheese

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Pepperoni

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- 5) Chef John buys 26 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

Potatoes

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Tomatoes

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Answers

1. 550
2. 546
3. 209
4. 120
5. 234