

Solve each problem using a tape diagram.

Answers

- 1) Stephanie and her friends were collecting cans to recycle. Stephanie collected 44. Her friend Jessica collected 3 times as many and her other friend Sarah collected 7 times as many. How many cans did they collect total?
- 2) A school principal was looking over grades. In math 48 students scored a C. 4 times as many students scored a B. And 2 times as many students scored an A as scored a B. How many students scored an A, B or C?
- 3) A movie theater typically sells 15 small sodas a day. They also sell about 8 times as many medium and 8 times as many large sodas. How many sodas do they sell in a day?
- 4) Faye's Pizza Place sold 28 sausage pizzas on Super Bowl Sunday. They also sold about 8 times as many cheese pizzas and 8 times as many pepperoni pizzas. How many pizzas did they sell total?
- 5) In one day a restaurant used 33 knives. They also used 3 as many forks as they used knives. And 3 times as many spoons as forks. How many utensils do they use in a day?

1. _____

2. _____

3. _____

4. _____

5. _____



Solve each problem using a tape diagram.

- 1) Stephanie and her friends were collecting cans to recycle. Stephanie collected 44. Her friend Jessica collected 3 times as many and her other friend Sarah collected 7 times as many. How many cans did they collect total?

Stephanie	<input type="text" value="44"/>								
Jessica	<input type="text"/>	<input type="text"/>	<input type="text"/>						
Sarah	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- 2) A school principal was looking over grades. In math 48 students scored a C. 4 times as many students scored a B. And 2 times as many students scored an A as scored a B. How many students scored an A, B or C?

C	<input type="text" value="48"/>								
B	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
A	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- 3) A movie theater typically sells 15 small sodas a day. They also sell about 8 times as many medium and 8 times as many large sodas. How many sodas do they sell in a day?

Small	<input type="text" value="15"/>								
Medium	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Large	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- 4) Faye's Pizza Place sold 28 sausage pizzas on Super Bowl Sunday. They also sold about 8 times as many cheese pizzas and 8 times as many pepperoni pizzas. How many pizzas did they sell total?

Sausage	<input type="text" value="28"/>								
Cheese	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pepperoni	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- 5) In one day a restaurant used 33 knives. They also used 3 as many forks as they used knives. And 3 times as many spoons as forks. How many utensils do they use in a day?

knives	<input type="text" value="33"/>								
forks	<input type="text"/>	<input type="text"/>	<input type="text"/>						
spoons	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Answers

1. **484**
2. **624**
3. **255**
4. **476**
5. **429**