

Solve each problem using a tape diagram.

Answers

- 1) Stephanie and her friends were collecting cans to recycle. Stephanie collected 23. Her friend Jessica collected 5 times as many and her other friend Sarah collected 8 times as many. How many cans did they collect total?

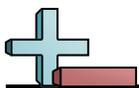
- 2) On Halloween Kaleb scored 11 pieces of gummi candy. He got 7 times as much sugar candy and 8 times as much chocolate candy. How many pieces of candy did he get total?

- 3) A school principal was looking over grades. In math 33 students scored a C. 2 times as many students scored a B. And 3 times as many students scored an A as scored a B. How many students scored an A, B or C?

- 4) Vanessa's Pizza Place sold 23 sausage pizzas on Super Bowl Sunday. They also sold about 8 times as many cheese pizzas and 9 times as many pepperoni pizzas. How many pizzas did they sell total?

- 5) Chef John buys 37 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?

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



Solve each problem using a tape diagram.

- 1) Stephanie and her friends were collecting cans to recycle. Stephanie collected 23. Her friend Jessica collected 5 times as many and her other friend Sarah collected 8 times as many. How many cans did they collect total?

Stephanie

Jessica

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Sarah

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- 2) On Halloween Kaleb scored 11 pieces of gummi candy. He got 7 times as much sugar candy and 8 times as much chocolate candy. How many pieces of candy did he get total?

Gummi

Sugary

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Chocolate

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- 3) A school principal was looking over grades. In math 33 students scored a C. 2 times as many students scored a B. And 3 times as many students scored an A as scored a B. How many students scored an A, B or C?

C

B

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A

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- 4) Vanessa's Pizza Place sold 23 sausage pizzas on Super Bowl Sunday. They also sold about 8 times as many cheese pizzas and 9 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 37 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

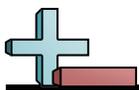
1. 322

2. 176

3. 297

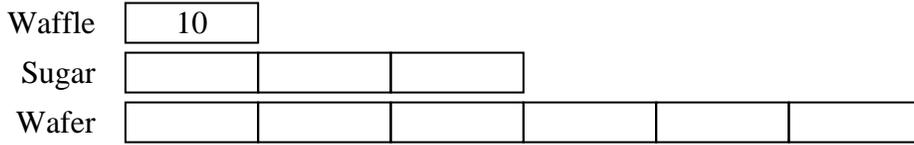
4. 414

5. 333

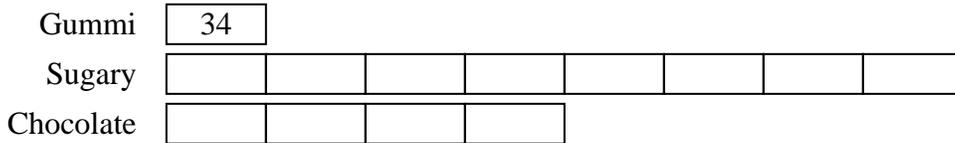


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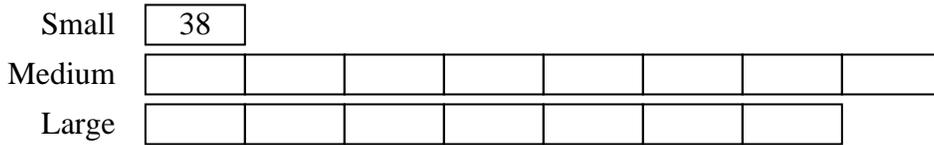
- 1) An ice cream shop sold 10 waffle cones. They sold 3 times as many sugar cones as waffle cones and 2 times as many wafer cones as sugar cones. How many cones did they sell total?



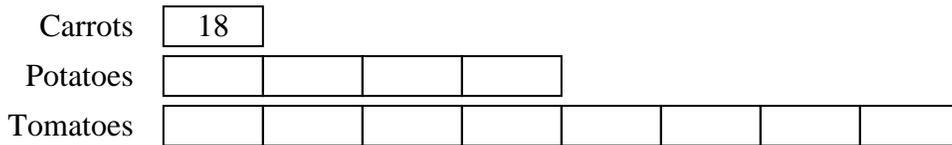
- 2) On Halloween Kaleb scored 34 pieces of gummi candy. He got 8 times as much sugar candy and 4 times as much chocolate candy. How many pieces of candy did he get total?



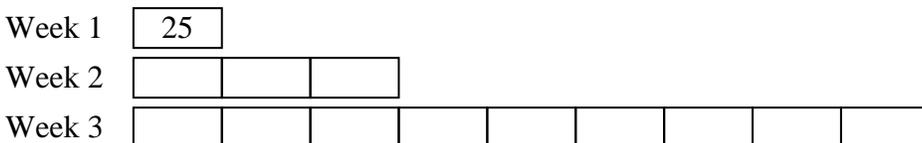
- 3) A movie theater typically sells 38 small sodas a day. They also sell about 8 times as many medium and 7 times as many large sodas. How many sodas do they sell in a day?



- 4) Chef Will buys 18 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?

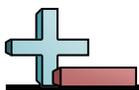


- 5) On week 1 a football player jogged for 25 minutes. On week 2 he jogged for 3 times as long. On week 3 he jogged for 3 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?



Answers

1. 100
2. 442
3. 608
4. 234
5. 325



Solve each problem using a tape diagram.

Answers

1) Stephanie and her friends were collecting cans to recycle. Stephanie collected 10. Her friend Jessica collected 4 times as many and her other friend Sarah collected 5 times as many. How many cans did they collect total?

1. _____

2) A store sold 47 C batteries in a day. They sold 2 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total?

2. _____

3. _____

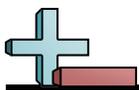
3) A movie theater typically sells 48 small sodas a day. They also sell about 5 times as many medium and 7 times as many large sodas. How many sodas do they sell in a day?

4. _____

5. _____

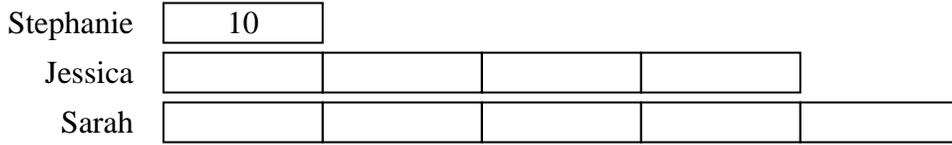
4) Vanessa's Pizza Place sold 45 sausage pizzas on Super Bowl Sunday. They also sold about 5 times as many cheese pizzas and 7 times as many pepperoni pizzas. How many pizzas did they sell total?

5) In one day a restaurant used 19 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?

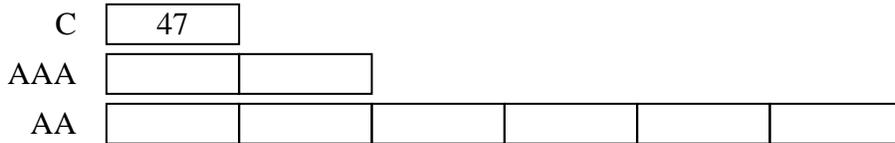


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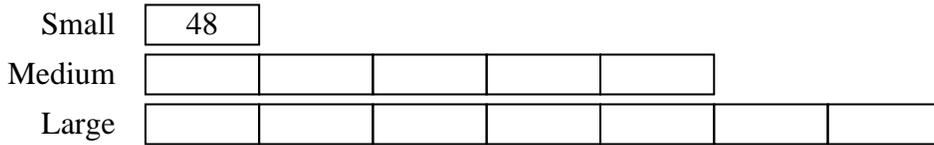
- 1) Stephanie and her friends were collecting cans to recycle. Stephanie collected 10. Her friend Jessica collected 4 times as many and her other friend Sarah collected 5 times as many. How many cans did they collect total?



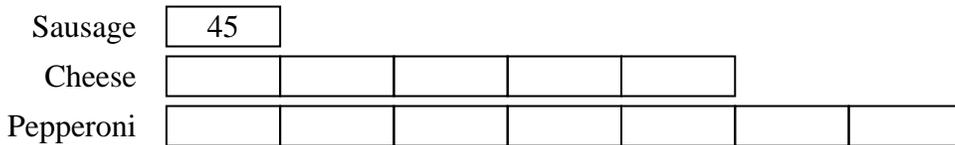
- 2) A store sold 47 C batteries in a day. They sold 2 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total?



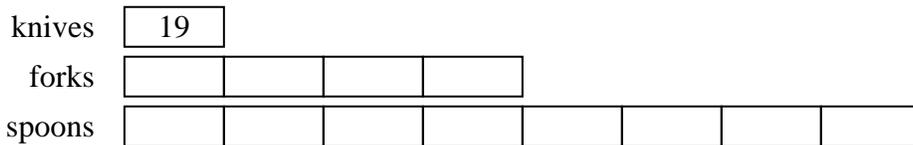
- 3) A movie theater typically sells 48 small sodas a day. They also sell about 5 times as many medium and 7 times as many large sodas. How many sodas do they sell in a day?



- 4) Vanessa's Pizza Place sold 45 sausage pizzas on Super Bowl Sunday. They also sold about 5 times as many cheese pizzas and 7 times as many pepperoni pizzas. How many pizzas did they sell total?

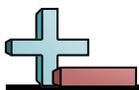


- 5) In one day a restaurant used 19 knives. They also used 4 as many forks as they used knives. And 2 times as many spoons as forks. How many utensils do they use in a day?



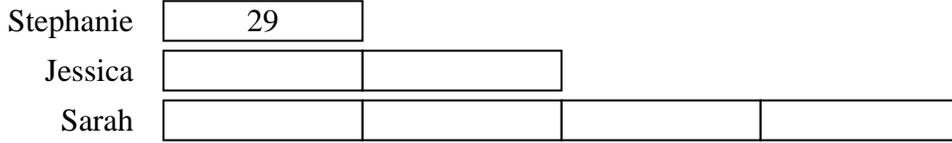
Answers

1. 100
2. 423
3. 624
4. 585
5. 247

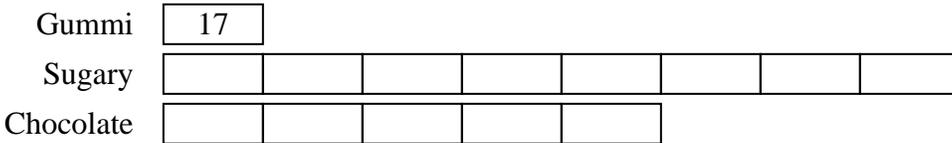


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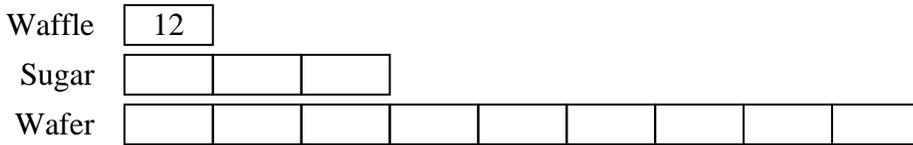
- 1) Stephanie and her friends were collecting cans to recycle. Stephanie collected 29. Her friend Jessica collected 2 times as many and her other friend Sarah collected 4 times as many. How many cans did they collect total?



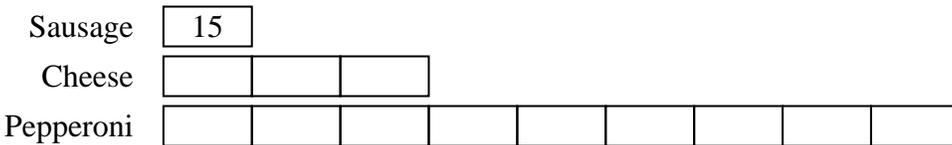
- 2) On Halloween Kaleb scored 17 pieces of gummi candy. He got 8 times as much sugar candy and 5 times as much chocolate candy. How many pieces of candy did he get total?



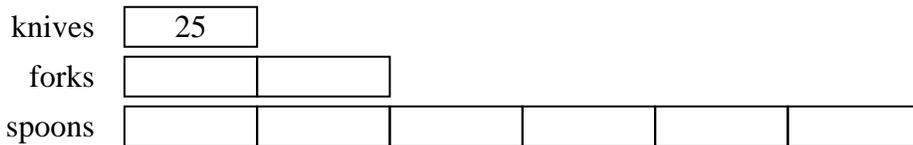
- 3) An ice cream shop sold 12 waffle cones. They sold 3 times as many sugar cones as waffle cones and 3 times as many wafer cones as sugar cones. How many cones did they sell total?



- 4) Vanessa's Pizza Place sold 15 sausage pizzas on Super Bowl Sunday. They also sold about 3 times as many cheese pizzas and 9 times as many pepperoni pizzas. How many pizzas did they sell total?



- 5) In one day a restaurant used 25 knives. They also used 2 as many forks as they used knives. And 3 times as many spoons as forks. How many utensils do they use in a day?



Answers

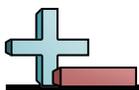
1. 203

2. 238

3. 156

4. 195

5. 225



Solve each problem using a tape diagram.

- 1) On week 1 a football player jogged for 44 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	44					
Week 2						
Week 3						

- 2) On Halloween Kaleb scored 20 pieces of gummi candy. He got 3 times as much sugar candy and 6 times as much chocolate candy. How many pieces of candy did he get total?

Gummi	20					
Sugary						
Chocolate						

- 3) A movie theater typically sells 16 small sodas a day. They also sell about 7 times as many medium and 7 times as many large sodas. How many sodas do they sell in a day?

Small	16					
Medium						
Large						

- 4) In one day a restaurant used 17 knives. They also used 4 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	17					
forks						
spoons						

- 5) An ice cream shop sold 47 waffle cones. They sold 4 times as many sugar cones as waffle cones and 3 times as many wafer cones as sugar cones. How many cones did they sell total?

Waffle	47					
Sugar						
Wafer						

Answers

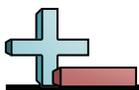
1. 308

2. 200

3. 240

4. 289

5. 799



Solve each problem using a tape diagram.

- 1) An ice cream shop sold 50 waffle cones. They sold 4 times as many sugar cones as waffle cones and 3 times as many wafer cones as sugar cones. How many cones did they sell total?

Waffle

Sugar

Wafer

- 2) On Halloween Kaleb scored 33 pieces of gummi candy. He got 6 times as much sugar candy and 8 times as much chocolate candy. How many pieces of candy did he get total?

Gummi

Sugary

Chocolate

- 3) A school principal was looking over grades. In math 17 students scored a C. 4 times as many students scored a B. And 3 times as many students scored an A as scored a B. How many students scored an A, B or C?

C

B

A

- 4) A store sold 36 C batteries in a day. They sold 3 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total?

C

AAA

AA

- 5) A malt shop sold 12 vanilla shakes. They sold 3 times as many strawberry shakes and 7 times as many chocolate shakes. How many shakes did they sell total?

vanilla

strawberry

chocolate

Answers

1. 850
2. 495
3. 289
4. 468
5. 132



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

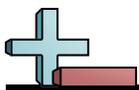
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Tomatoes

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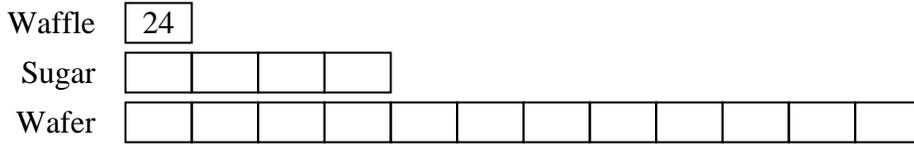
Answers

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

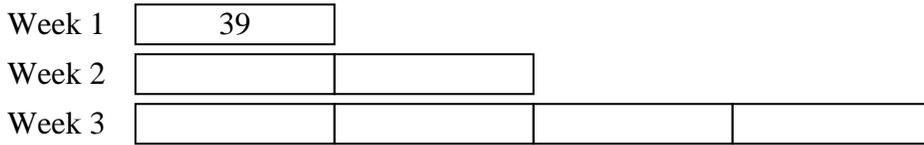


Solve each problem using a tape diagram.

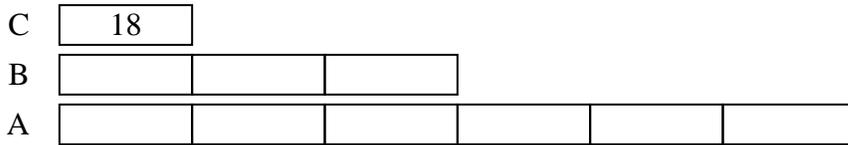
- 1) An ice cream shop sold 24 waffle cones. They sold 4 times as many sugar cones as waffle cones and 3 times as many wafer cones as sugar cones. How many cones did they sell total?



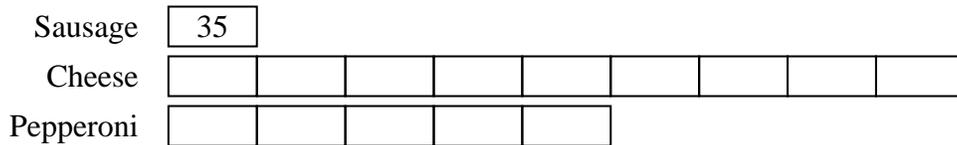
- 2) On week 1 a football player jogged for 39 minutes. On week 2 he jogged for 2 times as long. On week 3 he jogged for 2 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?



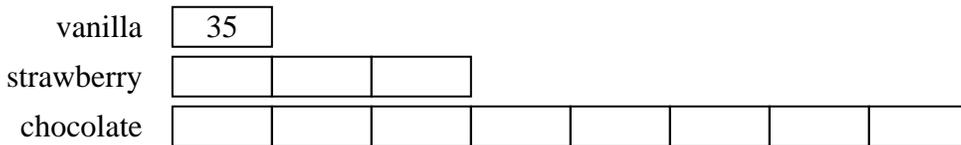
- 3) A school principal was looking over grades. In math 18 students scored a C. 3 times as many students scored a B. And 2 times as many students scored an A as scored a B. How many students scored an A, B or C?



- 4) Vanessa's Pizza Place sold 35 sausage pizzas on Super Bowl Sunday. They also sold about 9 times as many cheese pizzas and 5 times as many pepperoni pizzas. How many pizzas did they sell total?



- 5) A malt shop sold 35 vanilla shakes. They sold 3 times as many strawberry shakes and 8 times as many chocolate shakes. How many shakes did they sell total?



Answers

1. 408
2. 273
3. 180
4. 525
5. 420



Solve each problem using a tape diagram.

- 1) Stephanie and her friends were collecting cans to recycle. Stephanie collected 17. Her friend Jessica collected 6 times as many and her other friend Sarah collected 8 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 40 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 14 small sodas a day. They also sell about 7 times as many medium and 6 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) Chef Will buys 50 carrots. He buys 4 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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- 5) A malt shop sold 29 vanilla shakes. They sold 7 times as many strawberry shakes and 9 times as many chocolate shakes. How many shakes did they sell total?

vanilla

strawberry

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chocolate

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Answers

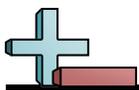
1. 255

2. 520

3. 196

4. 850

5. 493



Solve each problem using a tape diagram.

Answers

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?

1. _____

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?

2. _____

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?

3. _____

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?

4. _____

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?

5. _____



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						
Sarah						

- 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						
Week 3						

- 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						
spoons						

- 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						
Pepperoni						

- 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						
Tomatoes						

Answers

1. 360
2. 189
3. 259
4. 598
5. 414