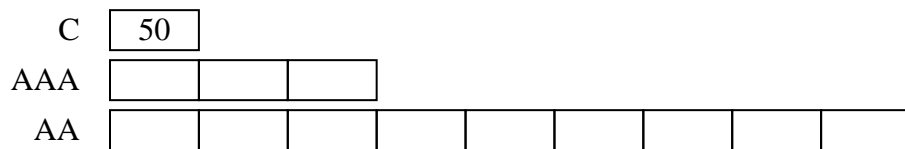




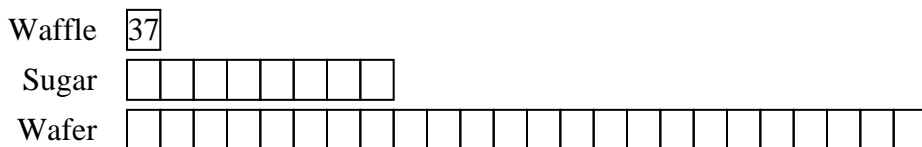


Solve each problem using a tape diagram.

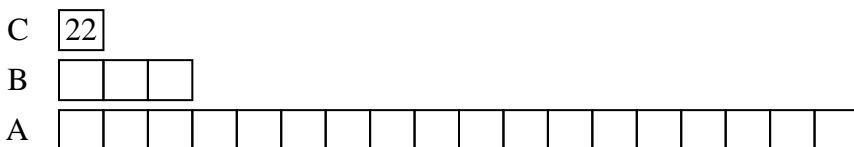
- 1) A store sold 50 C batteries in a day. They sold 3 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total?



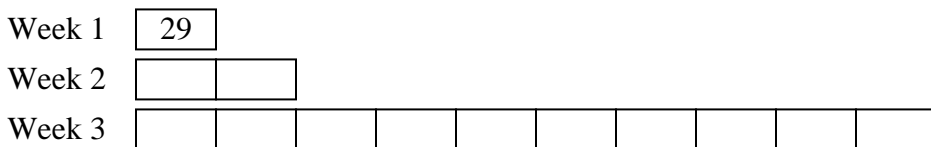
- 2) An ice cream shop sold 37 waffle cones. They sold 8 times as many sugar cones as waffle cones and 3 times as many wafer cones as sugar cones. How many cones did they sell total?



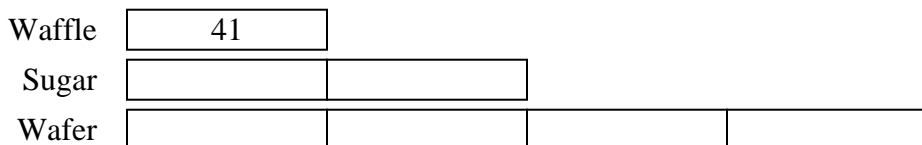
- 3) A school principal was looking over grades. In math 22 students scored a C. 3 times as many students scored a B. And 6 times as many students scored an A as scored a B. How many students scored an A, B or C?



- 4) On week 1 a football player jogged for 29 minutes. On week 2 he jogged for 2 times as long. On week 3 he jogged for 5 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?



- 5) An ice cream shop sold 41 waffle cones. They sold 2 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?



Answers

1. 650

2. 1221

3. 484

4. 377

5. 287



Solve each problem using a tape diagram.

Answers

1) On week 1 a football player jogged for 46 minutes. On week 2 he jogged for 7 times as long. On week 3 he jogged for 9 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

2) In one day a restaurant used 11 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?

5. \_\_\_\_\_

3) Chef Cody buys 35 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?

4) An ice cream shop sold 18 waffle cones. They sold 4 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?

5) A school principal was looking over grades. In math 12 students scored a C. 3 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?





Solve each problem using a tape diagram.

Answers

- 1) On week 1 a football player jogged for 18 minutes. On week 2 he jogged for 3 times as long. On week 3 he jogged for 2 times as long as he jogged on week 2. How many minutes did he jog across all 3 weeks?
  
  
  
  
  
  
  
  
  
  
- 2) An ice cream shop sold 30 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?
  
  
  
  
  
  
  
  
  
  
- 3) In one day a restaurant used 22 knives. They also used 3 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) An ice cream shop sold 27 waffle cones. They sold 4 times as many sugar cones as waffle cones and 8 times as many wafer cones as sugar cones. How many cones did they sell total?
  
  
  
  
  
  
  
  
  
  
- 5) Chef Cody buys 29 carrots. He buys 4 times as many potatoes as carrots and 7 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) On week 1 a football player jogged for 18 minutes. On week 2 he jogged for 3 times as long. On week 3 he jogged for 2 times as long as he jogged on week 2. How many minutes did he jog across all 3 weeks?

Week 1	18						
Week 2	<table border="1"><tr><td></td><td></td><td></td></tr></table>						
Week 3	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						

- 2) An ice cream shop sold 30 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?

Waffle	30									
Sugar	<table border="1"><tr><td></td><td></td><td></td></tr></table>									
Wafer	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>									

- 3) In one day a restaurant used 22 knives. They also used 3 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	22								
forks	<table border="1"><tr><td></td><td></td><td></td></tr></table>								
spoons	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>								

- 4) An ice cream shop sold 27 waffle cones. They sold 4 times as many sugar cones as waffle cones and 8 times as many wafer cones as sugar cones. How many cones did they sell total?

Waffle	27																		
Sugar	<table border="1"><tr><td></td><td></td><td></td><td></td></tr></table>																		
Wafer	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>																		

- 5) Chef Cody buys 29 carrots. He buys 4 times as many potatoes as carrots and 7 times as many tomatoes as potatoes. How many vegetables did he buy all together?

Carrots	29																			
Potatoes	<table border="1"><tr><td></td><td></td><td></td><td></td></tr></table>																			
Tomatoes	<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>																			

Answers

1. 180
2. 390
3. 220
4. 999
5. 957



Solve each problem using a tape diagram.

Answers

- 1) An ice cream shop sold 29 waffle cones. They sold 2 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) In one day a restaurant used 50 knives. They also used 3 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) An ice cream shop sold 28 waffle cones. They sold 3 times as many sugar cones as waffle cones and 9 times as many wafer cones as sugar cones. How many cones did they sell total?
  
  
  
  
  
  
  
  
  
  
- 4) On week 1 a football player jogged for 13 minutes. On week 2 he jogged for 4 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?
  
  
  
  
  
  
  
  
  
  
- 5) A school principal was looking over grades. In math 40 students scored a C. 4 times as many students scored a B. And 7 times as many students scored an A as scored a B. How many students scored an A, B or C?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_







Solve each problem using a tape diagram.

Answers

1) On week 1 a football player jogged for 37 minutes. On week 2 he jogged for 7 times as long. On week 3 he jogged for 4 times as long as he jogged on week 2. How many minutes did he jog across all 3 weeks?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

2) A school principal was looking over grades. In math 30 students scored a C. 2 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?

5. \_\_\_\_\_

3) An ice cream shop sold 19 waffle cones. They sold 5 times as many sugar cones as waffle cones and 6 times as many wafer cones as sugar cones. How many cones did they sell total?

4) Chef Paul buys 20 carrots. He buys 5 times as many potatoes as carrots and 7 times as many tomatoes as potatoes. How many vegetables did he buy all together?

5) A store sold 14 C batteries in a day. They sold 2 as many AAA batteries as C batteries and 2 times as many AA as AAA batteries. How many batteries did they sell total?





Solve each problem using a tape diagram.

Answers

1) A school principal was looking over grades. In math 29 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?

1. \_\_\_\_\_

2) On week 1 a football player jogged for 22 minutes. On week 2 he jogged for 3 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?

2. \_\_\_\_\_

3. \_\_\_\_\_

3) In one day a restaurant used 43 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?

4. \_\_\_\_\_

5. \_\_\_\_\_

4) On week 1 a football player jogged for 33 minutes. On week 2 he jogged for 6 times as long. On week 3 he jogged for 8 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?

5) A school principal was looking over grades. In math 41 students scored a C. 4 times as many students scored a B. And 9 times as many students scored an A as scored a B. How many students scored an A, B or C?





Solve each problem using a tape diagram.

Answers

1) A school principal was looking over grades. In math 34 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?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

2) On week 1 a football player jogged for 24 minutes. On week 2 he jogged for 4 times as long. On week 3 he jogged for 8 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?

3) A store sold 44 C batteries in a day. They sold 8 as many AAA batteries as C batteries and 8 times as many AA as AAA batteries. How many batteries did they sell total?

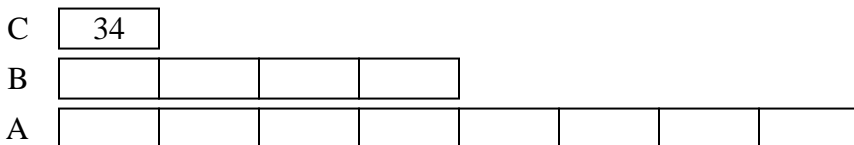
4) In one day a restaurant used 39 knives. They also used 4 as many forks as they used knives. And 3 times as many spoons as forks. How many utensils do they use in a day?

5) In one day a restaurant used 16 knives. They also used 2 as many forks as they used knives. And 9 times as many spoons as forks. How many utensils do they use in a day?

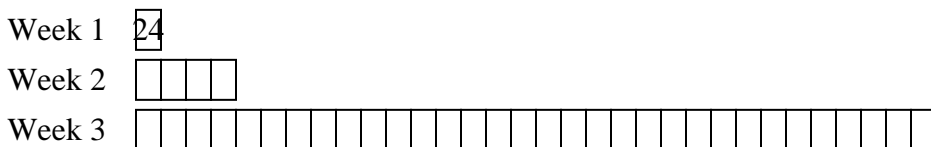


Solve each problem using a tape diagram.

- 1) A school principal was looking over grades. In math 34 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?



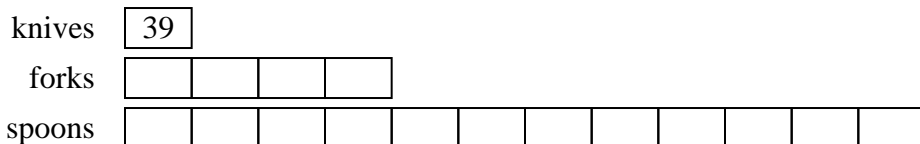
- 2) On week 1 a football player jogged for 24 minutes. On week 2 he jogged for 4 times as long. On week 3 he jogged for 8 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?



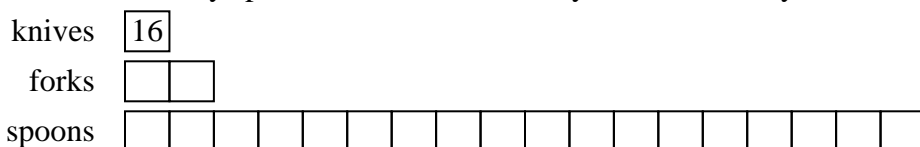
- 3) A store sold 44 C batteries in a day. They sold 8 as many AAA batteries as C batteries and 8 times as many AA as AAA batteries. How many batteries did they sell total?



- 4) In one day a restaurant used 39 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?



- 5) In one day a restaurant used 16 knives. They also used 2 as many forks as they used knives. And 9 times as many spoons as forks. How many utensils do they use in a day?



Answers

- 1. 442
- 2. 888
- 3. 3212
- 4. 663
- 5. 336



Solve each problem using a tape diagram.

Answers

1) A school principal was looking over grades. In math 40 students scored a C. 9 times as many students scored a B. And 9 times as many students scored an A as scored a B. How many students scored an A, B or C?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

2) Chef Edward buys 42 carrots. He buys 2 times as many potatoes as carrots and 4 times as many tomatoes as potatoes. How many vegetables did he buy all together?

5. \_\_\_\_\_

3) A store sold 26 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?

4) An ice cream shop sold 19 waffle cones. They sold 2 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?

5) An ice cream shop sold 27 waffle cones. They sold 6 times as many sugar cones as waffle cones and 4 times as many wafer cones as sugar cones. How many cones did they sell total?







Solve each problem using a tape diagram.

Answers

1) A store sold 47 C batteries in a day. They sold 6 as many AAA batteries as C batteries and 5 times as many AA as AAA batteries. How many batteries did they sell total?

1. \_\_\_\_\_

2) Chef Luke buys 28 carrots. He buys 3 times as many potatoes as carrots and 3 times as many tomatoes as potatoes. How many vegetables did he buy all together?

2. \_\_\_\_\_

3. \_\_\_\_\_

3) In one day a restaurant used 24 knives. They also used 6 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. \_\_\_\_\_

5. \_\_\_\_\_

4) In one day a restaurant used 18 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?

5) Chef George buys 25 carrots. He buys 7 times as many potatoes as carrots and 6 times as many tomatoes as potatoes. How many vegetables did he buy all together?





