



Solve each problem using a tape diagram.

Answers

- 1) On week 1 a football player jogged for 47 minutes. On week 2 he jogged for 2 times as long. On week 3 he jogged for 7 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?
- 2) Chef Sam buys 38 carrots. He buys 3 times as many potatoes as carrots and 2 times as many tomatoes as potatoes. How many vegetables did he buy all together?
- 3) Chef Roger buys 28 carrots. He buys 6 times as many potatoes as carrots and 5 times as many tomatoes as potatoes. How many vegetables did he buy all together?
- 4) A store sold 21 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?
- 5) A school principal was looking over grades. In math 12 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?

1. _____

2. _____

3. _____

4. _____

5. _____

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Answers

- 1) On week 1 a football player jogged for 47 minutes. On week 2 he jogged for 2 times as long. On week 3 he jogged for 7 times as long as he jogged on week 2. How many minutes did he jog across all 3 weeks?

Week 1 47

Week 2		
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[illegible]

- 2) Chef Sam buys 38 carrots. He buys 3 times as many potatoes as carrots and 2 times as many tomatoes as potatoes. How many vegetables did he buy all together?

Carrots	38
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Potatoes			
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Tomatoes					
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- 3) Chef Roger buys 28 carrots. He buys 6 times as many potatoes as carrots and 5 times as many tomatoes as potatoes. How many vegetables did he buy all together?

Carrots 28

Potatoes					
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[illegible]

- 4) A store sold 21 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?

C	21
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AAA		
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AA					
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- 5) A school principal was looking over grades. In math 12 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?

C	12
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B		
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A				
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1. 799

2. **380**

3. **1036**

4. 189

5 **84**