Solve each problem using a tape diagram.

1) On week 1 a football player jogged for 38 minutes. On week 2 he jogged for 6 times as long. On week 3 he jogged for 4 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?

1. _____

2. _____

3. _____

4. _____

2) A store sold 11 C batteries in a day. They sold 5 as many AAA batteries as C batteries and 9 times as many AA as AAA batteries. How many batteries did they sell total?

5. _____

3) Chef Victor buys 24 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?

4) A school principal was looking over grades. In math 26 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?

5) In one day a restaurant used 47 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?

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1) On week 1 a football player jogged for 38 minutes. On week 2 he jogged for 6 times as long. On week 3 he jogged for 4 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?

Week 1   38

Week 2

Week 3

1. ____**1178**____

2) A store sold 11 C batteries in a day. They sold 5 as many AAA batteries as C batteries and 9 times as many AA as AAA batteries. How many batteries did they sell total?

C

AAA

AA

2. ____**561**____

3. ____**240**____

4. ____**338**____

5. ____**799**____

3) Chef Victor buys 24 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   24

Potatoes

Tomatoes

4) A school principal was looking over grades. In math 26 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?

C   26

B

A

5) In one day a restaurant used 47 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   47

forks

spoons