Solve each	problem	using	a tai	ne	diagram.
Duite cacii	problem	using	a ta		uiagi aiii.

1) Chef Victor buys 26 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?

Answers

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4. _____

2) On week 1 a football player jogged for 43 minutes. On week 2 he jogged for 6 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?

5.

3) Chef Jerry buys 17 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?

4) An ice cream shop sold 22 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?

5) An ice cream shop sold 41 waffle cones. They sold 7 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?

1-5 80 60 40 20 0



Multiplication With Tape Diagram

Answer Key

Name:

Solve each problem using a tape diagram.

1) Chef Victor buys 26 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 26
Potatoes Tomatoes

2) On week 1 a football player jogged for 43 minutes. On week 2 he jogged for 6 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?

Week 1 43
Week 2 Week 3

3) Chef Jerry buys 17 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?

Carrots 17
Potatoes Tomatoes

4) An ice cream shop sold 22 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 22
Sugar Wafer

5) An ice cream shop sold 41 waffle cones. They sold 7 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?

442

Answers

2107

221

286

5. **2050**