Multiplication With Tape Diagram

Name: _____

Solve each problem using a tape diagram.

1) On week 1 a football player jogged for 10 minutes. On week 2 he jogged for 4 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) 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?
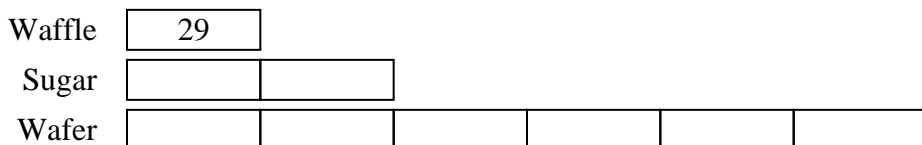
3) In one day a restaurant used 13 knives. They also used 2 as many forks as they used knives. And 3 times as many spoons as forks. How many utensils do they use in a day?
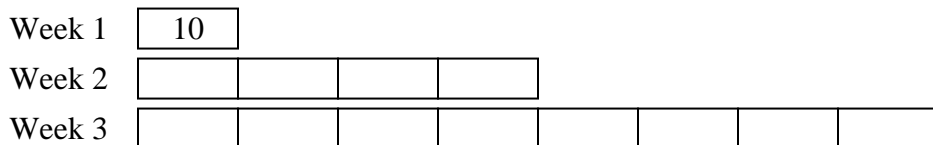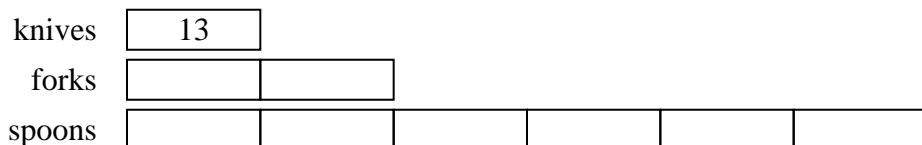
4) Chef Edward buys 19 carrots. He buys 3 times as many potatoes as carrots and 9 times as many tomatoes as potatoes. How many vegetables did he buy all together?

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?

1. _____

2. _____

3. _____

4. _____

5. _____

Math

| 1-5 | 80 | 60 | 40 | 20 | 0 |

Solve each problem using a tape diagram.

1) On week 1 a football player jogged for 10 minutes. On week 2 he jogged for 4 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?
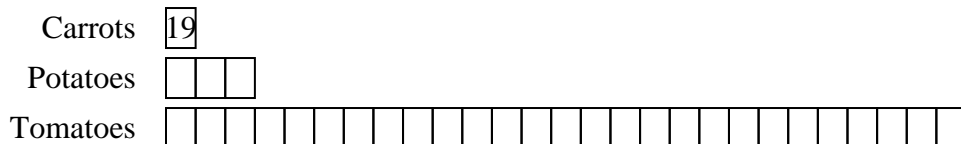
Week 1 | 10 |

Week 2 | | | | |

Week 3 | | | | | | | | |

1. _____ **130**

2. _____ **261**

2) 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?
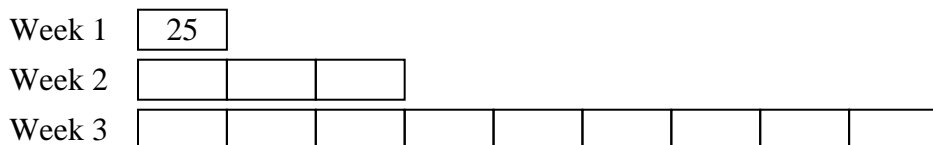
Waffle | 29 |

Sugar | | |

Wafer | | | | | | |

3. _____ **117**

4. _____ **589**

5. _____ **325**

3) In one day a restaurant used 13 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?

knives | 13 |

forks | | |

spoons | | | | | | |

4) Chef Edward buys 19 carrots. He buys 3 times as many potatoes as carrots and 9 times as many tomatoes as potatoes. How many vegetables did he buy all together?

Carrots |19|

Potatoes ||||

Tomatoes |||||||||||||||||||||||||||

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?

Week 1 | 25 |

Week 2 | | | |

Week 3 | | | | | | | | | |