Multiplication With Tape Diagram

Name:

Solve each problem using a tape diagram.

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?

Answers

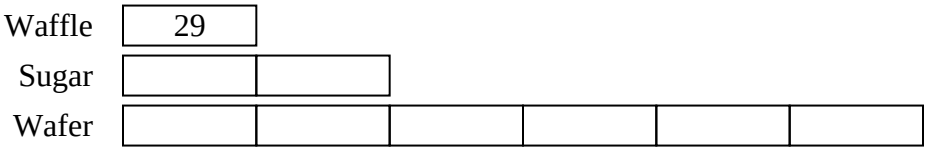
1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

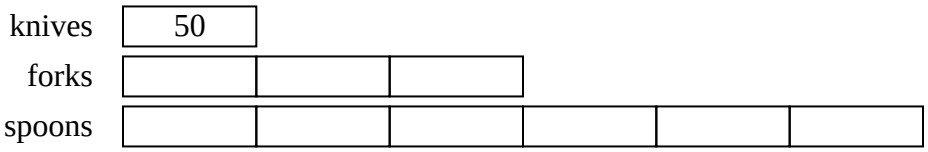
Multiplication With Tape Diagram Name: **Answer Key**

Solve each problem using a tape diagram.

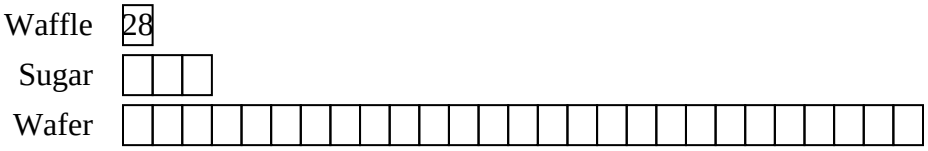
1) An ice cream shop sold 29 waffle cones. They sold 2 times as many sugar cones as waffle cones and 3 times as many wafer cones as sugar cones. How many cones did they sell total?



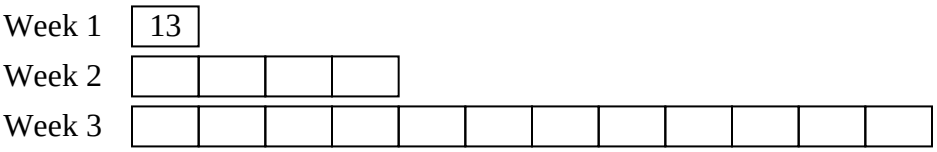
2) In one day a restaurant used 50 knives. They also used 3 as many forks as they used knives. And 2 times as many spoons as forks. How many utensils do they use in a day?



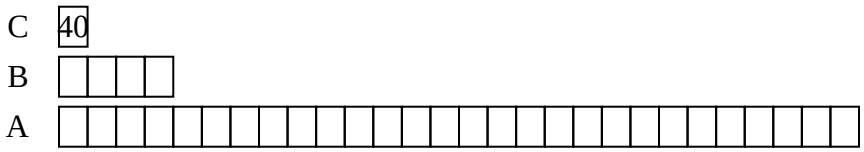
3) An ice cream shop sold 28 waffle cones. They sold 3 times as many sugar cones as waffle cones and 9 times as many wafer cones as sugar cones. How many cones did they sell total?



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?



Answers

1. **261**
2. **500**
3. **868**
4. **221**
5. **1320**

1-5	80	60	40	20	0