





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?

Waffle	<input type="text" value="29"/>	
Sugar	<input type="text"/>	<input type="text"/>
Wafer	<input type="text"/>	<input type="text"/>

- 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?

knives	<input type="text" value="50"/>	
forks	<input type="text"/>	<input type="text"/>
spoons	<input type="text"/>	<input type="text"/>

- 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?

Waffle	<input type="text" value="28"/>	
Sugar	<input type="text"/>	<input type="text"/>
Wafer	<input type="text"/>	<input type="text"/>

- 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?

Week 1	<input type="text" value="13"/>	
Week 2	<input type="text"/>	<input type="text"/>
Week 3	<input type="text"/>	<input type="text"/>

- 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?

C	<input type="text" value="40"/>	
B	<input type="text"/>	<input type="text"/>
A	<input type="text"/>	<input type="text"/>

**Answers**

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