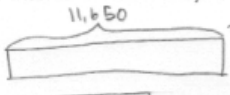
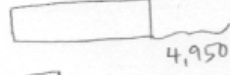


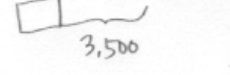
Name Jack Date \_\_\_\_\_

Directions: Model each problem using a tape diagram. Solve using numbers and words.

1. In one year the factory used 11,650 m of cotton, 4,950 fewer meters of silk than cotton, and 3,500 fewer meters of wool than silk. How many meters in all were used of the three fabrics?

Cotton  } m

Silk  }

Wool  }

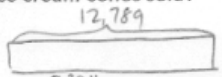
$$\begin{array}{r} 11,650 \\ - 4,950 \\ \hline 6,700 \text{ (silk)} \end{array}$$

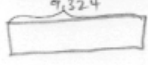
$$\begin{array}{r} 6,700 \\ - 3,500 \\ \hline 3,200 \text{ (wool)} \end{array}$$


$$\begin{array}{r} 11,650 \\ + 6,700 \\ + 3,200 \\ \hline 21,550 \end{array}$$

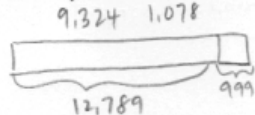
21,550 m of fabric was used.

2. The shop sold 12,789 chocolate and 9,324 cookie dough cones. They sold 1,078 more peanut butter cones than cookie dough cones and 999 more vanilla cones than chocolate cones. What was the total number of ice cream cones sold?

Chocolate  }

Cookie Dough  }

Peanut Butter  }

Vanilla  }

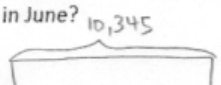
$$\begin{array}{r} 9,324 \\ + 1,078 \\ \hline 10,402 \text{ (peanut butter)} \end{array}$$

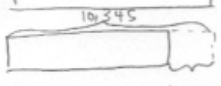
$$\begin{array}{r} 12,789 \\ + 999 \\ \hline 13,788 \text{ (vanilla)} \end{array}$$


$$\begin{array}{r} 12,789 \\ 9,324 \\ 10,402 \\ 13,788 \\ \hline 46,303 \end{array}$$

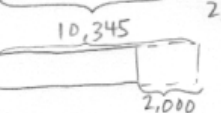
They sold 46,303 ice cream cones.

3. In the first week of June, a restaurant sold 10,345 omelets. The second week, they sold 1,096 fewer omelets than the first week. The third week, they sold 2 thousand more than the first week. The fourth week they sold 2 thousand fewer than the first week. How many omelets did they sell in all in June?

Week 1  }

Week 2  }

Week 3  }

Week 4  }

$$\begin{array}{r} 10,345 \\ - 1,096 \\ \hline 9,249 \text{ (week 2)} \end{array}$$

$$\begin{array}{r} 10,345 \\ + 2,000 \\ \hline 12,345 \text{ (week 3)} \end{array}$$

$$\begin{array}{r} 10,345 \\ - 2,000 \\ \hline 8,345 \text{ (week 4)} \end{array}$$

$$\begin{array}{r} 10,345 \\ 9,249 \\ 12,345 \\ + 8,345 \\ \hline 40,284 \end{array}$$

The restaurant sold 40,284 omelets in June.

