



Answers

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



Solve each problem using a tape diagram.

Answers

- 1) Chef George buys 11 carrots. He buys 8 times as many potatoes as carrots and 2 times as many tomatoes as potatoes. How many vegetables did he buy all together?

Carrots	<input type="text" value="11"/>
Potatoes	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Tomatoes	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

1. **275**

- 2) On week 1 a football player jogged for 38 minutes. On week 2 he jogged for 3 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	<input type="text" value="38"/>
Week 2	<input type="text"/> <input type="text"/> <input type="text"/>
Week 3	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

2. **380**3. **429**4. **405**5. **210**

- 3) A store sold 33 C batteries in a day. They sold 3 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total?

C	<input type="text" value="33"/>
AAA	<input type="text"/> <input type="text"/> <input type="text"/>
AA	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

- 4) A school principal was looking over grades. In math 45 students scored a C. 2 times as many students scored a B. And 3 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="45"/>
B	<input type="text"/> <input type="text"/>
A	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

- 5) Chef Will buys 30 carrots. He buys 2 times as many potatoes as carrots and 2 times as many tomatoes as potatoes. How many vegetables did he buy all together?

Carrots	<input type="text" value="30"/>
Potatoes	<input type="text"/> <input type="text"/>
Tomatoes	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>