



Solve each problem using a tape diagram.

Answers

- 1) A movie theater typically sells 38 small sodas a day. They also sell about 7 times as many medium and 3 times as many large sodas. How many sodas do they sell in a day?
- 2) On week 1 a football player jogged for 47 minutes. On week 2 he jogged for 2 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?
- 3) A malt shop sold 33 vanilla shakes. They sold 5 times as many strawberry shakes and 9 times as many chocolate shakes. How many shakes did they sell total?
- 4) An ice cream shop sold 15 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?
- 5) Emily's Pizza Place sold 14 sausage pizzas on Super Bowl Sunday. They also sold about 3 times as many cheese pizzas and 6 times as many pepperoni pizzas. How many pizzas did they sell total?

1. _____

2. _____

3. _____

4. _____

5. _____



Solve each problem using a tape diagram.

Answers

- 1) A movie theater typically sells 38 small sodas a day. They also sell about 7 times as many medium and 3 times as many large sodas. How many sodas do they sell in a day?

Small	<input type="text" value="38"/>						
Medium	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Large	<input type="text"/>	<input type="text"/>	<input type="text"/>				

1. **418**2. **329**3. **495**4. **135**5. **140**

- 2) On week 1 a football player jogged for 47 minutes. On week 2 he jogged for 2 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="47"/>						
Week 2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<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"/>	<input type="text"/>

- 3) A malt shop sold 33 vanilla shakes. They sold 5 times as many strawberry shakes and 9 times as many chocolate shakes. How many shakes did they sell total?

vanilla	<input type="text" value="33"/>								
strawberry	<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"/>
chocolate	<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) An ice cream shop sold 15 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="15"/>						
Sugar	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wafer	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- 5) Emily's Pizza Place sold 14 sausage pizzas on Super Bowl Sunday. They also sold about 3 times as many cheese pizzas and 6 times as many pepperoni pizzas. How many pizzas did they sell total?

Sausage	<input type="text" value="14"/>						
Cheese	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pepperoni	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>