



Solve each problem using a tape diagram.

- 1) An ice cream shop sold 24 waffle cones. They sold 4 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) On week 1 a football player jogged for 39 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 school principal was looking over grades. In math 18 students scored a C. 3 times as many students scored a B. And 2 times as many students scored an A as scored a B. How many students scored an A, B or C?

- 4) Vanessa's Pizza Place sold 35 sausage pizzas on Super Bowl Sunday. They also sold about 9 times as many cheese pizzas and 5 times as many pepperoni pizzas. How many pizzas did they sell total?

- 5) A malt shop sold 35 vanilla shakes. They sold 3 times as many strawberry shakes and 8 times as many chocolate shakes. How many shakes did they sell total?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____



Solve each problem using a tape diagram.

- 1) An ice cream shop sold 24 waffle cones. They sold 4 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

24

Sugar

--	--	--	--

Wafer

--	--	--	--	--	--	--	--	--	--	--	--

- 2) On week 1 a football player jogged for 39 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

39

Week 2

--	--

Week 3

--	--	--	--

- 3) A school principal was looking over grades. In math 18 students scored a C. 3 times as many students scored a B. And 2 times as many students scored an A as scored a B. How many students scored an A, B or C?

C

18

B

--	--	--

A

--	--	--	--	--	--

- 4) Vanessa's Pizza Place sold 35 sausage pizzas on Super Bowl Sunday. They also sold about 9 times as many cheese pizzas and 5 times as many pepperoni pizzas. How many pizzas did they sell total?

Sausage

35

Cheese

--	--	--	--	--	--	--	--	--	--

Pepperoni

--	--	--	--	--

- 5) A malt shop sold 35 vanilla shakes. They sold 3 times as many strawberry shakes and 8 times as many chocolate shakes. How many shakes did they sell total?

vanilla

35

strawberry

--	--	--

chocolate

--	--	--	--	--	--	--	--

Answers

1. 408
2. 273
3. 180
4. 525
5. 420