Multiplication With Tape Diagram

Solve each problem using a tape diagram.

1) An ice cream shop sold 28 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 27 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 movie theater typically sells 45 small sodas a day. They also sell about 7 times as many medium and 4 times as many large sodas. How many sodas do they sell in a day?

4) Carol's Pizza Place sold 19 sausage pizzas on Super Bowl Sunday. They also sold about 9 times as many cheese pizzas and 8 times as many pepperoni pizzas. How many pizzas did they sell total?

5) A school principal was looking over grades. In math 44 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?

Math

1-5 | 80 | 60 | 40 | 20 | 0

Solve each problem using a tape diagram.

1) An ice cream shop sold 28 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 | 28

Sugar

Wafer

1. **476**

2) On week 1 a football player jogged for 27 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 | 27

Week 2

Week 3

2. **189**

3. **540**

4. **342**

3) A movie theater typically sells 45 small sodas a day. They also sell about 7 times as many medium and 4 times as many large sodas. How many sodas do they sell in a day?

Small | 45

Medium

Large

5. **396**

4) Carol's Pizza Place sold 19 sausage pizzas on Super Bowl Sunday. They also sold about 9 times as many cheese pizzas and 8 times as many pepperoni pizzas. How many pizzas did they sell total?

Sausage | 19

Cheese

Pepperoni

5) A school principal was looking over grades. In math 44 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 | 44

B

A

Math

1-5 | 80 | 60 | 40 | 20 | 0