



Multiplication With Tape Diagram

Name: _____

Solve each problem using a tape diagram.

- 1) On Halloween Adam scored 12 pieces of gummi candy. He got 5 times as much sugar candy and 8 times as much chocolate candy. How many pieces of candy did he get total?

- 2) Chef Jerry buys 32 carrots. He buys 3 times as many potatoes as carrots and 2 times as many tomatoes as potatoes. How many vegetables did he buy all together?

- 3) While building a house, a contractor spent \$20 on outlets. He spent 8 times that amount on fixtures and 9 times the amount on sheet rock. How much did he spend total?

- 4) A school principal was looking over grades. In math 40 students scored a C. 4 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?

- 5) Sarah's Pizza Place sold 47 sausage pizzas on Super Bowl Sunday. They also sold about 4 times as many cheese pizzas and 7 times as many pepperoni pizzas. How many pizzas did they sell total?

Answers

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



Solve each problem using a tape diagram.

- 1) On Halloween Adam scored 12 pieces of gummi candy. He got 5 times as much sugar candy and 8 times as much chocolate candy. How many pieces of candy did he get total?

Gummi Sugary Chocolate **Answers****168****320****360****520****564**

- 2) Chef Jerry buys 32 carrots. He buys 3 times as many potatoes as carrots and 2 times as many tomatoes as potatoes. How many vegetables did he buy all together?

Carrots Potatoes Tomatoes

- 3) While building a house, a contractor spent \$20 on outlets. He spent 8 times that amount on fixtures and 9 times the amount on sheet rock. How much did he spend total?

outlets fixtures sheet rock

- 4) A school principal was looking over grades. In math 40 students scored a C. 4 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 B A

- 5) Sarah's Pizza Place sold 47 sausage pizzas on Super Bowl Sunday. They also sold about 4 times as many cheese pizzas and 7 times as many pepperoni pizzas. How many pizzas did they sell total?

Sausage Cheese Pepperoni