



Multiplication With Tape Diagram

Name: _____

Solve each problem using a tape diagram.

Answers

- 1) A movie theater typically sells 12 small sodas a day. They also sell about 8 times as many medium and 2 times as many large sodas. How many sodas do they sell in a day?
- 2) Chef Mike buys 36 carrots. He buys 2 times as many potatoes as carrots and 3 times as many tomatoes as potatoes. How many vegetables did he buy all together?
- 3) While building a house, a contractor spent \$25 on outlets. He spent 9 times that amount on fixtures and 4 times the amount on sheet rock. How much did he spend total?
- 4) An ice cream shop sold 21 waffle cones. They sold 3 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) Sarah's Pizza Place sold 25 sausage pizzas on Super Bowl Sunday. They also sold about 2 times as many cheese pizzas and 2 times as many pepperoni pizzas. How many pizzas did they sell total?

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

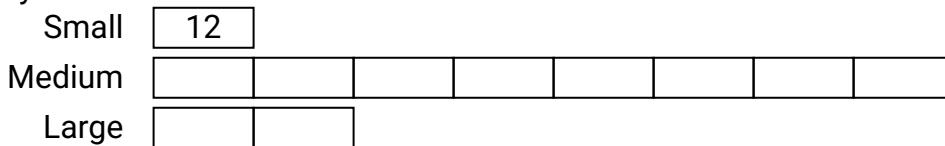


Multiplication With Tape Diagram

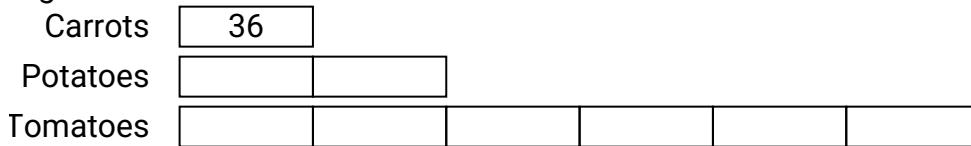
Name: **Answer Key**

Solve each problem using a tape diagram.

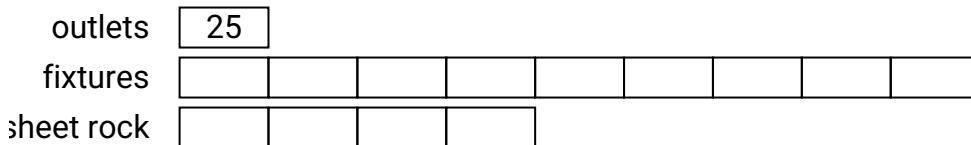
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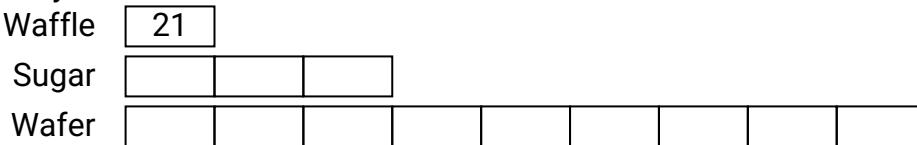
2) Chef Mike buys 36 carrots. He buys 2 times as many potatoes as carrots and 3 times as many tomatoes as potatoes. How many vegetables did he buy all together?



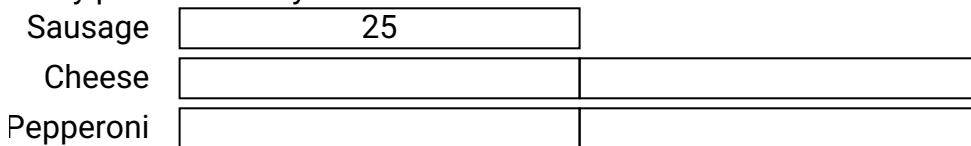
3) While building a house, a contractor spent \$25 on outlets. He spent 9 times that amount on fixtures and 4 times the amount on sheet rock. How much did he spend total?



4) An ice cream shop sold 21 waffle cones. They sold 3 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) Sarah's Pizza Place sold 25 sausage pizzas on Super Bowl Sunday. They also sold about 2 times as many cheese pizzas and 2 times as many pepperoni pizzas. How many pizzas did they sell total?



Answers

1. **132**

2. **324**

3. **350**

4. **273**

5. **125**