

Name: \_\_\_\_\_

## Frequency Table

Although Jacqueline and Izan follow the same recipes, oftentimes one dish ends up saltier than the other. Izan decides to test what people consider a pinch of salt. He asks friends and family to put a pinch of salt on a scale, then he records the weights.

**Weights (mg):** 288, 429, 432, 601, 391, 368, 428, 410, 382, 449,  
505, 498, 683, 333, 327, 536, 417, 615, 301, 341,  
465, 373, 456, 297, 321, 311, 390, 355, 476, 580

Complete the frequency table. Then answer the questions.

Weight of Pinches of Salt		
Weight (mg)	Tally	Frequency

A cartoon superhero with brown hair, wearing a red suit with a blue cape and a blue mask. He is flying through the air, leaving a blue trail behind him. On his chest is a shield-shaped emblem with the letters 'STW' in white on a blue background.

# Preview

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- How many people did he test? \_\_\_\_\_
- What range was most common? \_\_\_\_\_
- What fraction of pinches weighed 500–699 mg? (*Simplify.*) \_\_\_\_\_
- Children make up two thirds of the 200–499 mg range. How many children were in that range? (*Show your work.*) \_\_\_\_\_

# ANSWER KEY

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