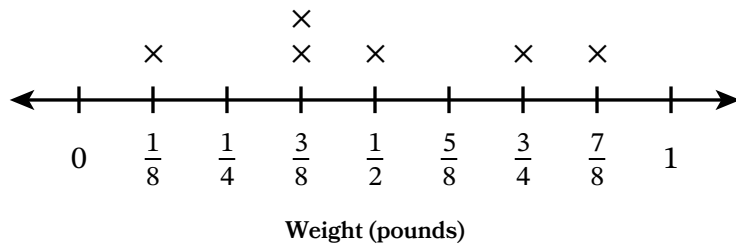




Name _____ Date _____

1. The line plot shows the weights of rice in 6 containers.

Weights of Rice in Containers

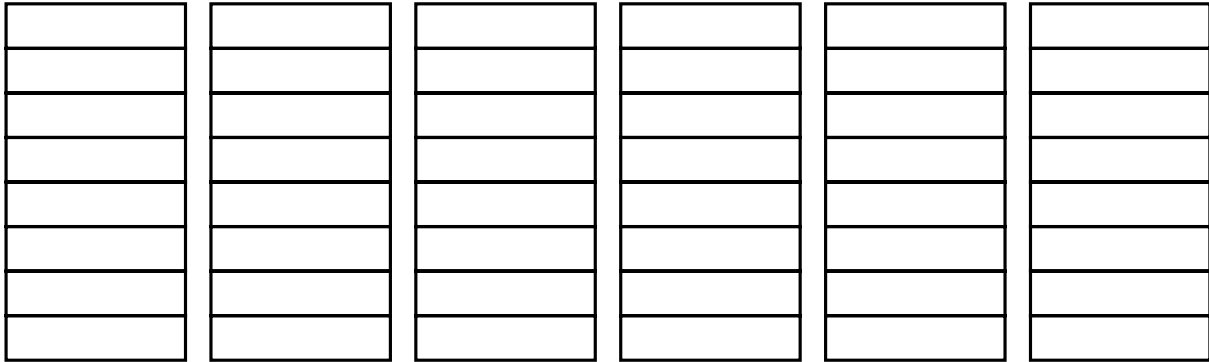


a. Each model represents 1 and is partitioned into eighths. Shade the models to show how many pounds of rice are in each container.

$\frac{1}{8}$ pound	$\frac{3}{8}$ pounds	$\frac{3}{8}$ pounds	$\frac{1}{2}$ pound	$\frac{3}{4}$ pounds	$\frac{7}{8}$ pounds

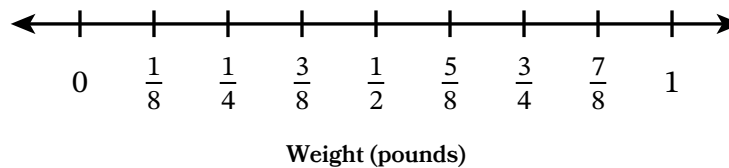
b. How many eighths are shaded altogether?

- c. Each model represents 1 and is partitioned into eighths. Shade the models to show how the rice can be redistributed equally among the 6 containers.



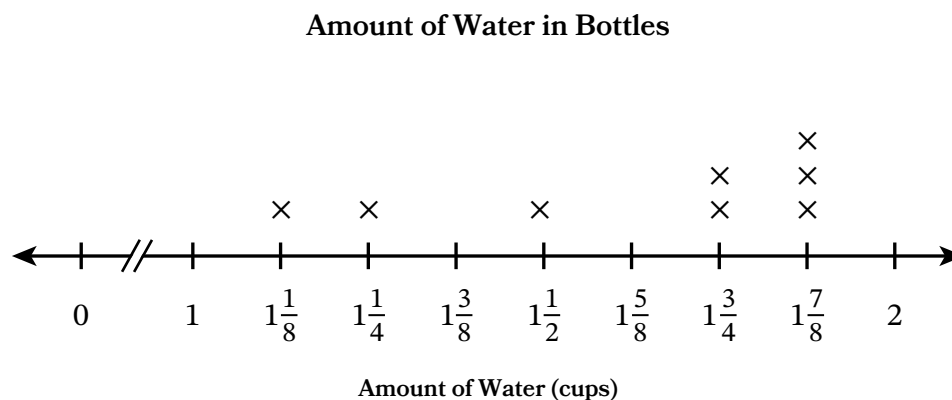
- d. How many pounds of rice are in each container now?
- e. Complete the line plot to represent the weight of rice in each container when the rice is redistributed equally among the containers.

Weights of Rice in Containers

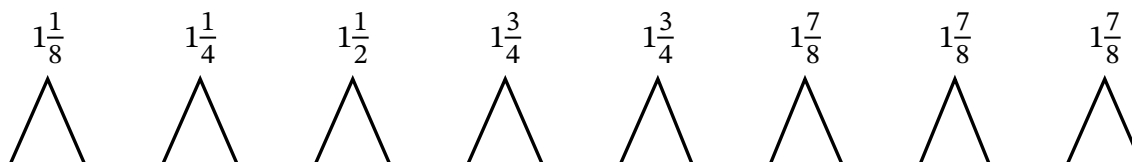


- f. How does redistributing the pounds of rice equally among the containers change the most frequent weight?

2. The line plot shows the amount of water in 8 bottles.



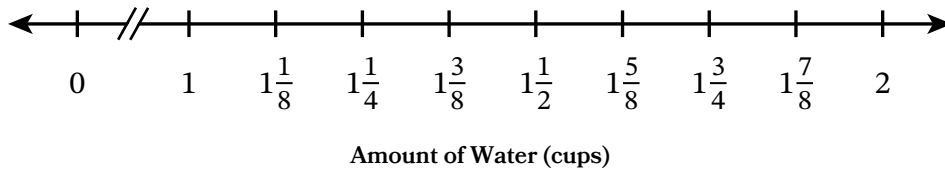
- a. Decompose the amount of water in each bottle into a whole number and a fraction with eighths. Then find the total number of cups of water in the bottles



- b. How can you redistribute the water equally among the 8 bottles? Draw a model to help you, if needed.

- c. Complete the line plot to represent the amount of water in each bottle when the water is redistributed equally among the bottles.

Amount of Water in Bottles



- d. How does redistributing the cups of water equally among the bottles change the most frequent amount of water?