

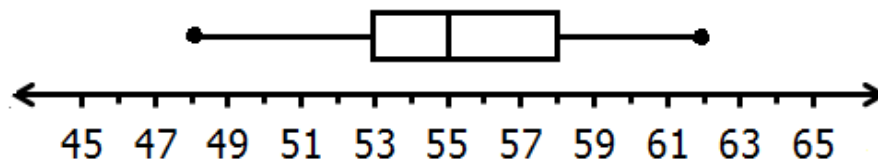


1. Mateo asks his classmates which ice cream flavors they prefer. The table shows his results.

Flavor	Number of Students
chocolate	20
vanilla	14
mint	9
cookies and cream	8
cookie dough	3

What is the ratio of students who prefer mint ice cream to total students?

- A 1:4  
B 1:6  
C 1:9  
D 2:5
2. The box plot represents the heights, in inches, of 10 students.



Which data set *could* be the heights of the students?

- A 48, 50, 53, 54, 55, 55, 57, 58, 60, 62  
B 45, 47, 49, 51, 53, 55, 57, 59, 61, 63  
C 47, 53, 54, 55, 55, 55, 56, 57, 58, 62  
D 48, 50, 54, 55, 56, 57, 58, 58, 61, 62

3. A bag contains  $17\frac{1}{4}$  cups of sugar. A serving of sugar is  $\frac{3}{4}$  cup.

How many total servings are in the bag?

- A 13 servings
- B 17 servings
- C 18 servings
- D 23 servings

**DIRECTIONS FOR THE GRIDDED RESPONSE QUESTION:**

- Question 1 requires you to write your answers in the boxes provided on the back of your answer document.
- Write only the number or symbol in each box, and fill in the circle in each column that matches what you have printed.
- Fill in only 1 circle in each column.

1. A chef uses the rub recipe to cover chicken before frying it.

<u><b>Fried Chicken Rub Recipe</b></u> 8 cups flour 4 cups salt 3 cups black pepper 2 cups garlic powder
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What decimal represents how many cups of black pepper are needed for each cup of flour?

