

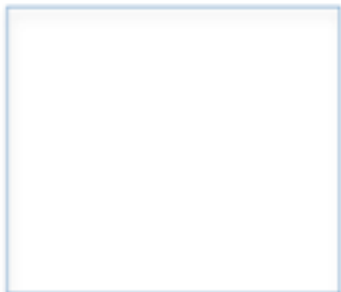
Fraction Performance Task: School Garden

Part 1: Splitting up the Garden

The four 3rd grade classes at Jefferson Elementary School are planting a garden.

Using the garden space below,

1. Show how each class can have an equal section of the garden.



What fraction of the garden will each class plant?

2. Class A _____

3. Class B _____

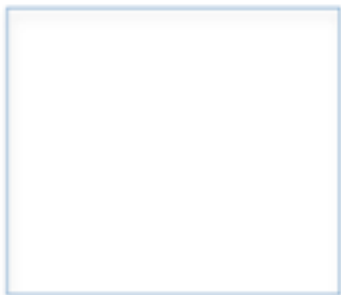
4. Class C _____

5. Class D _____

Part 2: Planting the Garden

On Monday and Tuesday, Class A and Class B each planted seeds in their sections of the garden.

6. Show how much of the garden was used in the space below.



Write the fraction: _____

7. On Wednesday, Class C planted tulips in their section of the garden.

Now how much of the garden is **left** for planting? _____

8. On Thursday, Class D planted carrots in their section of the garden.

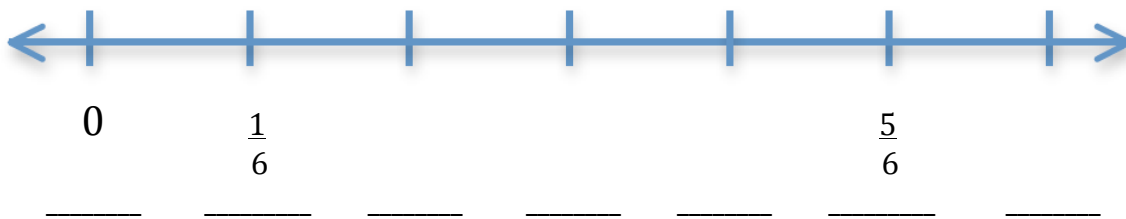
What fraction of the garden is planted now? _____

Part 3: Planting Seed on the Number Line

The students are preparing to plant seeds in the garden. They are using number lines to plant them an even distance apart. Help them to figure out the missing fractions.

Number Line 1 (Questions 9 – 12)

On the number line below, label the blanks with the correct missing fractions.



Number Line 2 (Questions 13-18)

Below is a number line. Label the number line by following the directions. *Look at the example:*

Label the $\frac{1}{8}$ mark.

Now label the following marks: $\frac{2}{8}$ $\frac{5}{8}$ $\frac{1}{2}$ $\frac{6}{8}$



On the number line below, label the number line by following the directions.

Label the fraction equivalent to: $\frac{6}{8}$

Label the fraction equivalent to: $\frac{2}{8}$



Part 4: Pies

Jake and Melvin are eating pies. **Jake** cut his pie into three equal pieces.

Melvin cut his pie into eight equal pieces.

19. Who has the pie with the bigger pieces?

20. How do you know? **Draw** or **write** how you know.

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21. **Jake** ate $\frac{2}{3}$ of a pie. Shade in the amount Jake ate.



Jake's Pie

22. **Melvin** ate $\frac{2}{8}$ of a pie. Shade in the amount Melvin ate.

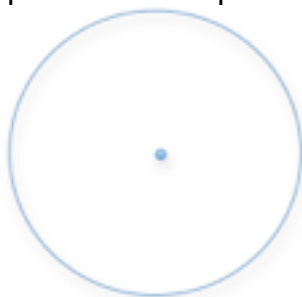


Melvin's Pie

23. Using $<$, $>$, or $=$, compare the two fractions.

$$\frac{2}{3} \quad \square \quad \frac{2}{8}$$

24. **Suzie** is also eating pie. She cut her pie in six equal pieces. She wants to eat an equal amount of pie as Jake. Shade in the fraction that Suzie ate on the pie below.



Suzie's Pie

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Did Suzie eat more than half of her pie? Explain your answer below.