Match the words to their definitions:

Median

Maximum

Mode

Minimum

largest value

most frequent value

smallest value

middle value

Josie asked seven boys how many DVD's they own. Here are the results of her survey:

9   10   18   10   12   15   20

What is the median number of DVD's? _____

Josie concluded that the typical boy owns about 12 DVD's.

Do you agree with her conclusion? Explain.

Describe two ways Josie could improve her survey.

Add or Subtract Fractions

a. $\dfrac{2}{7} + \dfrac{6}{7} =$

b. $1 - \dfrac{1}{4} =$

c. $\dfrac{5}{9} - \dfrac{2}{9} =$

d. $\dfrac{8}{14} + \dfrac{2}{7} =$

a. $\dfrac{5}{6}$

$-\ \dfrac{1}{2}$

_____

b. $\dfrac{3}{4}$

$+\ \dfrac{2}{5}$

_____

c. $\dfrac{5}{6}$

$-\ \dfrac{1}{4}$

_____

d. $\dfrac{8}{9}$

$+\ \dfrac{1}{3}$

_____

Circle the fraction pair represented by the drawing below:

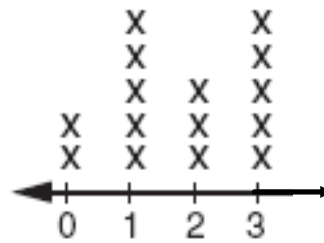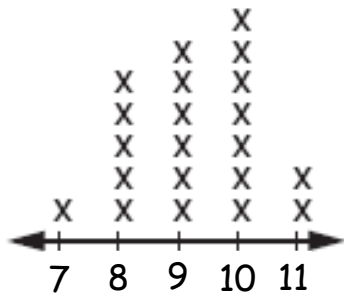1/4 and 7/12   2/3 and 8/15   1/4 and 2/3
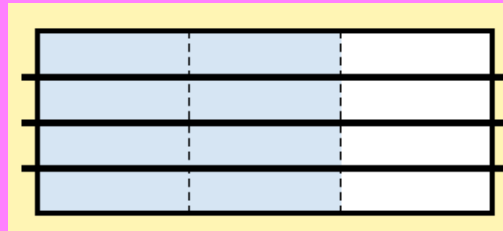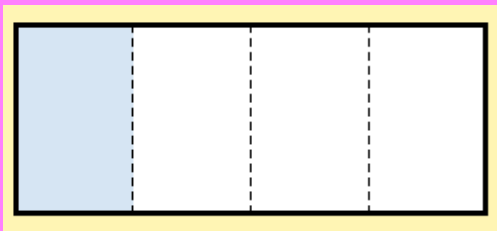
Write a pair of fractions with common denominators for the picture above.

Cam surveyed the class on how many seconds it takes to say your name and how many seconds it takes to say the ABC's.

a. How many seconds does it take you to say your name?

b. How many seconds does it take you to say the ABC's?

c. What time does school start?

The graphs below show the answers to two of the questions. Match the questions with their graphs. Write a,b, or c under the correct graph.

```
                  X
            X     X
      X     X     X
      X     X     X
      X     X     X
      X     X     X     X
  X   X     X     X     X
  ←——+——+——+——+——+——→
      7   8   9   10  11
```

```
            X           X
            X           X
            X     X     X
      X     X     X     X
      X     X     X     X
  ←——+——+——+——+——→
      0     1     2     3
```

_____   _____

Circle each stem-and-leaf Plot with a median of 22. Put an X through each stem-and-leaf plot with a mode of 29.

Stems (10s)	Leaves (1s)
1	0 3 5 6
2	1 2 5 8 9 9
3	3

Stems (10s)	Leaves (1s)
1	2 2 3 5 5
2	0 2 6 3 8 9 9 9
3	0 2

Stems (10s)	Leaves (1s)
1	1 5 6
2	0 1 2 5 5
3	1 3 5

These are the estimates a class made for how many cm. long a section of heart garland is.

| 135 | 130 | 127 | 128 | 146 | 151 | 190 |

| 128 | 144 | 153 | 128 | 131 | 122 | 120 |

Explain the mistake in the stem-and-leaf plot for the heart garland estimates. Then correct the plot to the right.

Stems (100s and 10s)	Leaves (1s)
12	0 2 7 8
13	0 1 5
14	6
15	1 3
19	0

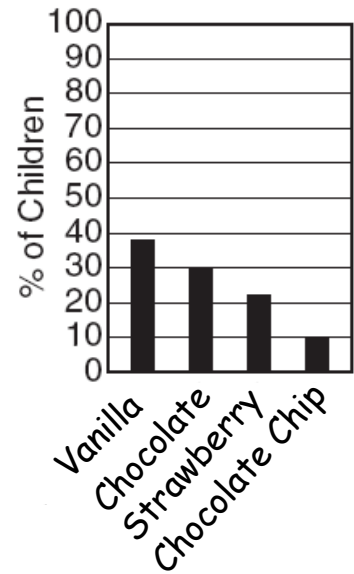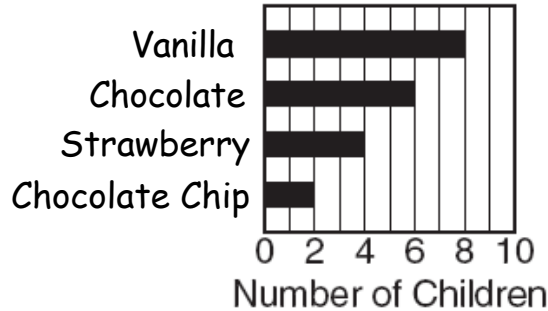Use your ruler to draw a line that is $3\frac{1}{8}$ in. long.

If you erased $\frac{3}{4}$ inch from this line segment, how long would it be?

If you drew a line segment twice as long as the original line segment, how long would it be?

One survey reported favorite types of ice cream for fifth graders. Here are the results:

Circle the graph that best represents these results.

Vanilla-38%

Chocolate- 30%

Strawberry- 22%

Chocolate Chip- 10%

Vanilla
Chocolate
Strawberry
Chocolate Chip

0 2 4 6 8 10
Number of Children

100
90
80
70
60
50
40
30
20
10
0

% of Children

Vanilla Chocolate Strawberry Chocolate Chip

If 100 students answered the survey, how many chose strawberry? _____

If 10 students answered the survey, how many chose Chocolate Chip? _____

If 50 students answered the survey, how many chose vanilla? _____

If you were going to start an ice cream store for fifth graders, how many would you survey to decide what kinds of ice cream to include in your store? _____

Why? _____

Explain how you would use the multiplication rule to find common denominators for the fraction pair we circled back on frame 4.

Explain one way to rename 6/25 as a percent without using a calculator.