

Directions: Answer each problem in the space provided. Show your work.

Monday

On Saturday night, Roberto's family watched a movie that lasted 2 hours and 10 minutes. If the movie ended at 9:10 P.M., what time did the movie start?

How many days are in 2 years and 3 weeks?

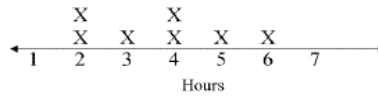
$71 \times 16 = \underline{\hspace{2cm}}$

Tuesday

Which of the following would be the **most** appropriate to display in a line plot?

- A. the part of Jason's salary that he saves
- B. the temperature of two cities over four months
- C. the number of times Bailey made a hit in each of her 10 softball games
- D. the height of the world's largest roller coasters

Which survey question would most likely result in the following line plot?

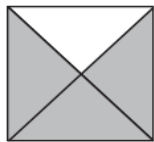


- A. How many days did it rain in July?
- B. What fraction of your allowance do you spend on movies?
- C. How long did it take you to do your homework on Wednesday?
- D. How many hours of TV did you watch this week?

Mrs. Perez bought 3 boxes of garbage bags. Each box has 12 garbage bags. She used 2 garbage bags. How many garbage bags does Mrs. Perez have left?

Wednesday

4 Four students each shaded part of a square gray to show fractions of a whole.



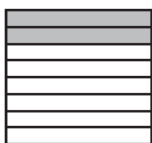
Dale



Gina



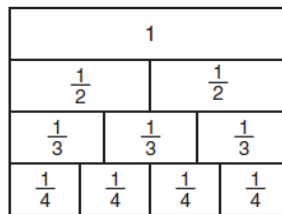
Maci



Rick

Which two students showed equivalent fractions?

3 You may use this model to answer this question.



Kendra lives $\frac{1}{3}$ mile from school.

Bonita lives $\frac{3}{4}$ mile from school.

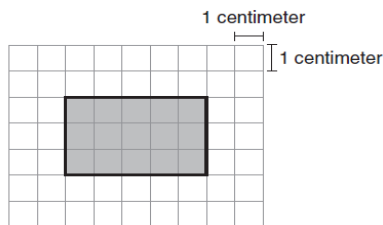
Stefan lives $\frac{1}{2}$ mile from school.

Which list shows the students in order from **the shortest to the greatest** distance between home and school?

$39 \times 58 = \underline{\hspace{2cm}}$

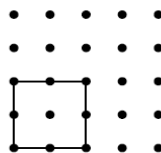
Thursday

8 Look at this rectangle that is shaded gray on the grid below.



What is the perimeter of the rectangle that is shaded gray?

What fractional part is shown on the geoboard below?



Which shape always has four sides that are the same length?

- A. rectangle
- B. rhombus
- C. trapezoid
- D. hexagon

MATHEMATICS OPEN-RESPONSE ITEM A

How Many States Can You Name in One Minute?

Name	Number of States
Laurie	15
Justin	16
Thomas	18
Serena	9
Mariah	16
Candace	9
Zachary	9
Isabelle	15
Anthony	13
William	10

A. Mrs. Johnson asked a group of students in her class to name as many states in the United States as they could in one minute. The data collection is shown above.

1. What is the mean (average) number of states the group of students could name? Explain your answer using words and/or numbers.
2. What is the mode of the data? Explain your answer using words and/or numbers.

BE SURE TO LABEL YOUR RESPONSES 1 AND 2.