

Name: Kelly # _____
Date: _____

- 1 Four people are organizing four different parties during the weekend. Each party is ordering a certain amount of pizza for its guests. The table below shows how much pizza is being ordered and the number of guests at each party.

Party Organizer	Number of Pizzas	Number of Guests
Jacob	5	8
Kayla	6	10
Landon	2	4
Mindy	11	20

At which party will each guest have the most pizza?

$Jacob = \frac{5}{8} \rightarrow \frac{25}{40}$
 $Kayla = \frac{6}{10} \rightarrow \frac{12}{20} \rightarrow \frac{24}{40}$
 $Landon = \frac{2}{4}$
 $Mindy = \frac{11}{20}$

- 2 Anna had 185 yards of fencing to make 40 equally sized fencing sections. How many yards of fencing did Anna use for each section?

$185 \div 40 = \frac{185}{40}$
 $40 \overline{)185} \begin{array}{r} 4 \text{ } \\ \underline{160} \\ 25 \end{array} \rightarrow 4 \frac{5}{8}$
 TS: she used $4 \frac{5}{8}$ yd of fencing for each section.

- 3 Mr. Evers equally divides 7 packs of printing paper among the 3 printers at his office. How many packs of printing paper does each printer receive?

$7 \div 3 = \frac{7}{3} = 2 \frac{1}{3}$

TS: each printer receives $2 \frac{1}{3}$ packs of paper.

- 4 Chloe has a piece of wood moulding that is 27 inches long. She cuts the moulding into 4 pieces of equal length. How long is each of the smaller pieces?

$27 \div 4 = \frac{27}{4} = 6 \frac{3}{4} \text{ in}$

TS: Each of the smaller pieces are $6 \frac{3}{4}$ in long.

- 5 There are 5 classes of 5th graders at Smith Elementary School. There are 27 boxes of markers for the entire 5th grade.

If the boxes are distributed evenly among the classes, how many boxes will each class receive?

TS: Each class will receive $5 \frac{2}{5}$ boxes.

$27 \text{ boxes} \div 5 \text{ classes} = \frac{27}{5} = 5 \frac{2}{5} \text{ boxes}$

- 6 DeAnna had 45 yards of yarn to make 8 scarfs. She used the same amount of yarn for each scarf.

How much yarn did DeAnna use for each scarf?

TS: DeAnna used $5 \frac{5}{8}$ yard for each scarf.

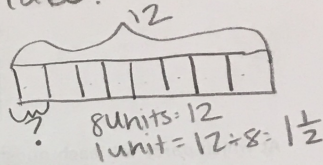
$45 \div 8 = \frac{45}{8} = 5 \frac{5}{8} \text{ yard}$

- 7 Eight friends are sharing a cake. The cake is cut into 12 equal pieces.

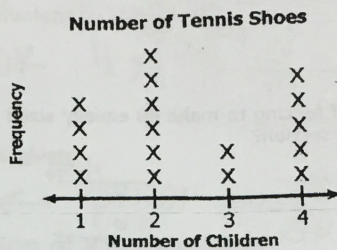
How many pieces of cake will each friend get if the cake is divided equally?

13. Each friend will get $1\frac{1}{2}$ cake.

$$12 \div 8 = \frac{12}{8} = 1\frac{4}{8} = 1\frac{1}{2}$$



- 8 The line plot shows the results of a survey asking students how many pairs of tennis shoes they owned.



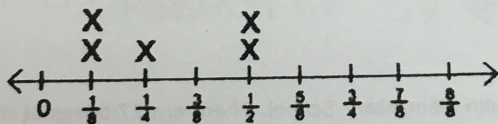
How many more students have 2 or 4 pairs of shoes than students who have 3 pairs?

$$2 \text{ or } 4 = 11$$

$$3 = 2$$

$$\frac{11}{9}$$

- 9 Students weighed different objects on their desk to the nearest eighth of an ounce and recorded their results in the line plot.



What is the total weight of all the objects in ounces?

$$(2 \times \frac{1}{8}) + \frac{2}{8} + (2 \times \frac{5}{8})$$

$$\frac{2}{8} + \frac{2}{8} + \frac{8}{8} = \frac{12}{8} = 1\frac{1}{2}$$