

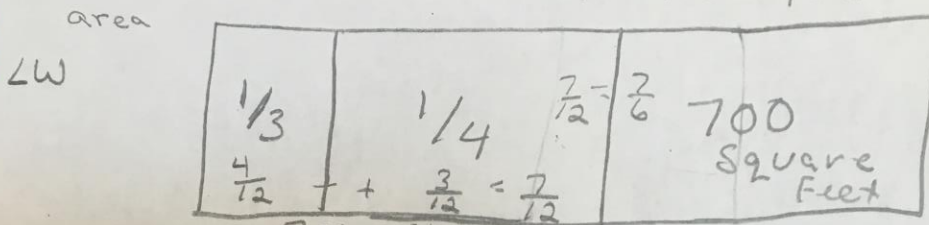
Glenn

Mowing the Lawn

Last Saturday, three sisters mowed the lawn in their backyard. Solange starts the mower first and completes $\frac{1}{3}$ of the lawn. Then Jane takes over and mows exactly $\frac{1}{4}$ of the grass. Denise then finishes off the last 700 square feet of the yard.

1. What do you notice?

Why called lawn, grass, yard, backyard.



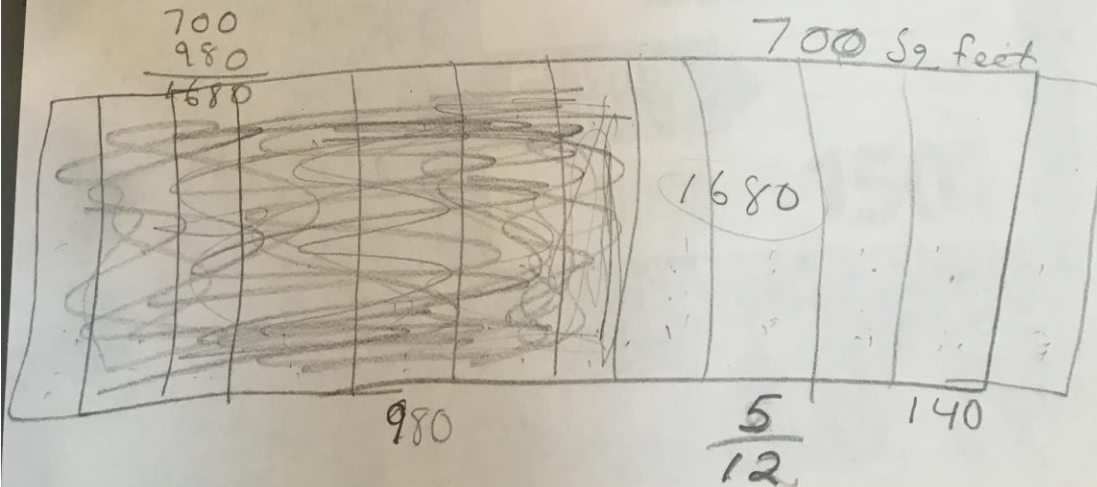
2. What questions could you ask?

How big is the lawn?

Why are three different words used to describe this lawn.

Who mowed the most.

What is the area.



Priscilla

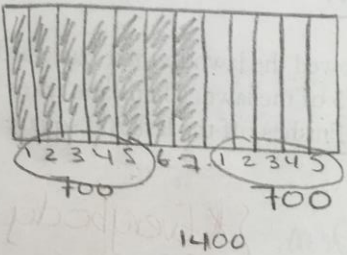
What is the Area?

$\frac{1}{3} \cdot 700$

$\frac{1}{4} \times 3 = \frac{3}{12}$

$\frac{1}{3} \times 4 = \frac{4}{12}$

$\frac{7}{12}$ Jane, Sabange



$\frac{5}{12} = 700$ Square feet.

130
x 5

650

135
x 5

675

140
x 5

700

1400
280

1680

140
140

280

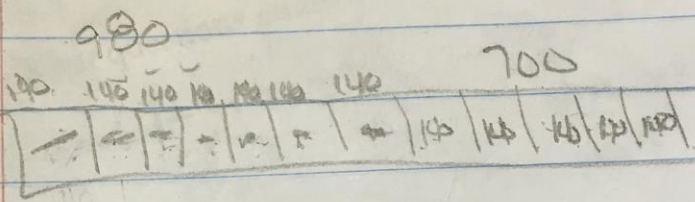
Tracy

what do you notice

h of the increases

$$\frac{1}{3} + \frac{1}{4} = \frac{7}{12} = \frac{8407}{12}$$

$$\frac{3}{12} + \frac{4}{12} = \frac{7}{12} + \frac{5}{12} = \frac{12}{12} = 1$$



$$\begin{array}{r} 700 \\ 500 \\ \hline 00 \end{array}$$

$$\begin{array}{r} 980 \\ + 700 \\ \hline 1680 \end{array}$$

Edith

$$\frac{1}{3} \frac{4}{12} \quad \frac{7}{12}$$
$$\frac{1}{4} \frac{3}{12}$$

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1. What do you notice?

I notice that all of them took different parts of lawn in their backyard.

2. What questions could you ask?

How many square ^{feet} were in their backyard in total?

$$\frac{1}{3} = 420 \quad 326.6$$

$$\frac{1}{4} = 560$$



5

$$\frac{7}{12} \frac{700}{1200}$$

$$\frac{5}{12}$$

$$1713 \frac{9}{7}$$

$$\frac{5 = 700}{7 = 980}$$

$$\frac{980}{700}$$
$$\frac{1680}{1680}$$

140

1200

$$7 \overline{) 1200} \frac{3}{7}$$
$$\underline{50}$$
$$10$$
$$\underline{3}$$

$$513 \frac{9}{7}$$

$$420$$
$$560$$

$$140 - 12$$

Tameka

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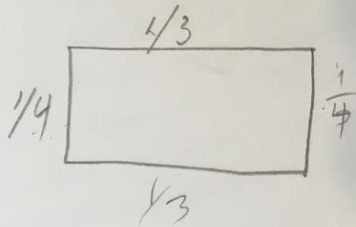
1. What do you notice? *Solange did less than Jane*

$$\frac{1}{3} + \frac{1}{4} =$$

$$\frac{1 \times 4}{3 \times 4} = \frac{4}{12}$$

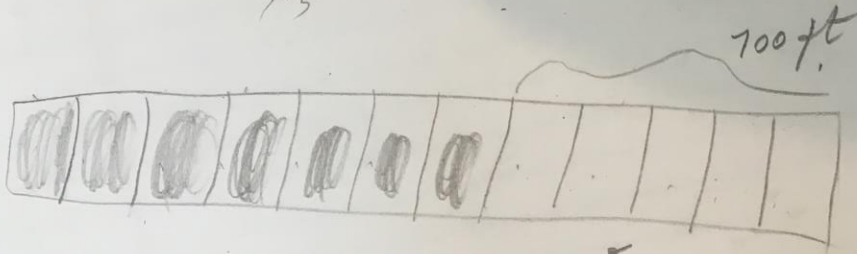
$$\frac{1 \times 3}{4 \times 3} = \frac{3}{12} = \frac{7}{12}$$

2. What questions could you ask? *Denise did more*



$$\frac{1}{12} = \frac{7}{12}$$

$$\frac{700}{12} = 58 \frac{4}{12}$$



$$700 \div 5 = 140$$
$$\begin{array}{r} 140 \\ \times 12 \\ \hline 980 \end{array}$$

$$\frac{5}{12} \quad \underline{1680}$$

