Word Problems Worksheets

Lillian and Darlene plan to get their homework finished within one hour. Darlene completes her math homework in $\frac{3}{5}$ hour. Lillian completes her math homework with $\frac{5}{6}$ hour remaining. Who completes her homework faster, and by how many minutes?

Bonus: Give the answer as a fraction of an hour.

Of the students in Mr. Smith's fifth-grade class, $\frac{1}{3}$ were absent on Monday. Of the students in Mrs. Jacobs' class, $\frac{2}{5}$ were absent on Monday. If there were 4 students absent in each class on Monday, how many students are in each class?

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Darlene $\frac{3}{5} \times 60 \text{ min} = \frac{3 \times 60}{5_1} = 36$ minutes

Lillian $\frac{1}{6} \times 60 \text{ min} = \frac{60}{6} = 10$ minutes

$36 - 10 = 26$ Lillian completed the homework 26 minutes faster than Darlene

$\frac{26}{60} = \frac{13}{30}$ of an hour

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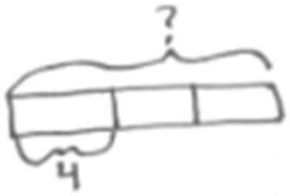
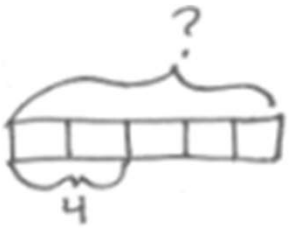
Mr. Smith's Class



1 unit = 4
3 units = 12

There are 12 students in Mr. Smith's class

Mrs. Jacobs' Class



2 units = 4
1 unit = 2
5 units = 10

There are 10 students in Mrs. Jacobs' class.