

Name: Class:

Divide by 1- digit numbers: interpret remainders

- a. There are **39 students** in sixth grade class. Each table in the classroom seats **6 students**. How many students will sit on the last table?
- b. Mirabel collects eggs twice a day from her poultry farm. She places them into cartons by **half a dozen**. If her hens have layed **629** eggs so far, how many eggs will be in the last partially filled carton?
- c. Yesterday, Larisa baked 53 apple pies. She gave an equal number of pies to each of her 9 friends and saved the rest for herself. How many pies did she save for herself?
- d. There are **42 students** in fifth grade class. Each table in the classroom seats **8 students**. How many students will sit on the last table?
- e. Mirna collects eggs twice a day from her poultry farm. She places them into cartons by **half a dozen**. If her hens have layed **124** eggs so far, how many eggs will be in the last partially filled carton?
- f. Yesterday, Luna baked 106 apple pies. She gave an equal number of pies to each of her 9 friends and saved the rest for herself. How many pies did she save for herself?
- g. There are **27 students** in forth grade class. Each table in the classroom seats **7 students**. How many students will sit on the last table?
- h. Margerit collects eggs twice a day from her poultry farm. She places them into cartons by **half a dozen**. If her hens have layed **300** eggs so far, how many eggs will be in the last partially filled carton?
- i. Yesterday, Linda baked 12 apple pies. She gave an equal number of pies to each of her 5 friends and saved the rest for herself. How many pies did she save for herself?
- j. On Monday, Louisa baked 60 apple pies. She gave an equal number of pies to each of her 8 friends and saved the rest for herself. How many pies did she save for herself?

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- a. There are **39 students** in sixth grade class. Each table in the classroom seats **6 students**. How many students will sit on the last table?

Let's divide the total number of students by the number of students that sit on each table.

$$\begin{array}{r} 6 \\ 6 \overline{) 39} \\ \underline{- 36} \\ 3 \end{array}$$

So, 3 students will sit on the last table.

- b. Mirabel collects eggs twice a day from her poultry farm. She places them into cartons by **half a dozen**. If her hens have layed **629** eggs so far, how many eggs will be in the last partially filled carton?

Let's divide the total number of eggs by the number placed in the carton.

Half a dozen = 6

$$\begin{array}{r} 104 \\ 6 \overline{) 629} \\ \underline{- 6} \\ 02 \\ \underline{- 0} \\ 29 \\ \underline{- 24} \\ 5 \end{array}$$

So, 5 eggs were in the last partially filled carton.

- c. Yesterday, Larisa baked 53 apple pies. She gave an equal number of pies to each of her 9 friends and saved the rest for herself. How many pies did she save for herself?

Let's divide the total number of apple pies baked by the number of friends.

$$\begin{array}{r} 5 \\ 9 \overline{) 53} \\ \underline{- 45} \\ 8 \end{array}$$

So, Larisa kept 8 apple pies for herself.