

Name: Class:

Divide larger numbers by 1-digit numbers: Interpret remainders

- Mary owns a restaurant with about 7 employees. She pays each employee an amount of \$826 per week. At the end of the week, she withdrew \$5,785 from the bank to pay her employees. How much will she be left with after paying all her employees?



- Collins bought a lego kit of 820 pieces. If he intends to give 6 of his friends an equal amount of legos, how many pieces will each friend get? How many pieces will be left for himself?



Name: Class:

Divide larger numbers by 1-digit numbers: Interpret remainders

1. Mary owns a restaurant with about 7 employees. She pays each employee an amount of \$826 per week. At the end of the week, she withdrew \$5,785 from the bank to pay her employees. How much will she be left with after paying all her employees?

To solve this problem, we have to divide \$5,785 by 7.

$$\begin{array}{r}
 826 \\
 7 \overline{) 5,785} \\
 \underline{- 56} \\
 18 \\
 \underline{- 14} \\
 45 \\
 \underline{- 42} \\
 3
 \end{array}$$

Therefore, since the remainder is 3, she will be left with \$3



2. Collins bought a lego kit of 820 pieces. If he intends to give 6 of his friends an equal amount of legos, how many pieces will each friend get? How many pieces will be left for himself?

To solve this problem, we have to divide 820 by 6

$$\begin{array}{r}
 136 \\
 6 \overline{) 820} \\
 \underline{- 6} \\
 22 \\
 \underline{- 18} \\
 40 \\
 \underline{- 36} \\
 4
 \end{array}$$

4 ← Remainder

Therefore, each friend will get 136 peices of lego kit and he will be left with 4 peices of lego kit

