

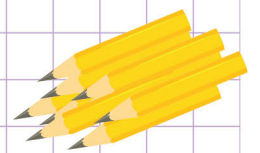
Name: ..... Class: .....

Multi - step word problems involving remainders

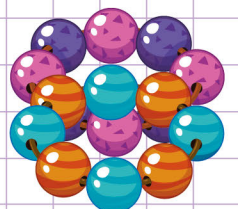
- a. Sandra has 59 candies. she wants to share them equally amongst her 5 friends and 2 brothers. Find the number of candies each person will get and the number that will be left over.



- b. Lily has 11 children in her class. She wants to share her 9 blue pens, 10 red pens, and 7 black pens equally amongst her children in class. Not minding the color of pen each child will get how many pens will each child get and how many will be left over?



- c. Mrs. Ben's children love collecting marbles. Mrs. Ben bought 152 different types of marbles and gave it to her children. She told 3 girls and 2 boys to share them equally. How many marbles did each child get and how many will be left over?



Name: ..... Class: .....

Multi - step word problems involving remainders

- a. Sandra has 59 candies. she wants to share them equally amongst her 5 friends and 2 brothers. Find the number of candies each person will get and the number that will be left over.

Let's find the total number of people the candies are to be shared.

5 friends plus 2 brothers = 7 people

Now let's divided the total number of candies by the total number of people.

$$\begin{array}{r} 8 \\ 7 \overline{) 59} \\ \underline{- 56} \\ 3 \end{array} = 8 \text{ R } 3$$

So, each person will get 8 candies , with 3 left over.



- b. Lily has 11 children in her class. She wants to share her 9 blue pens, 10 red pens, and 7 black pens equally amongst her children in class. Not minding the color of pen each child will get how many pens will each child get and how many will be left over?

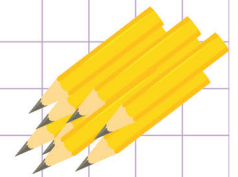
Let's find the total number of pens Lily has.

9 blue pens + 10 red pens + 7 black pens = 26 pens

Now, let's divide the total number of pens by the total number of children in class.

$$\begin{array}{r} 2 \\ 11 \overline{) 26} \\ \underline{- 22} \\ 4 \end{array} = 2 \text{ R } 4$$

So, each child will get 2 pens, with 4 left over.



- c. Mrs. Ben's children love collecting marbles. Mrs. Ben bought 152 different types of marbles and gave it to her children. She told 3 girls and 2 boys to share them equally. How many marbles did each child get and how many will be left over?

Let's find the total number of children

3 girls + 2 boys = 5 children

Divid the number of marbles given by the total number of children.

$$\begin{array}{r} 30 \\ 5 \overline{) 152} \\ \underline{- 15} \downarrow \\ 02 \end{array} = 30 \text{ R } 2$$

So, each child will get 30 marbles, with 2 left over.

