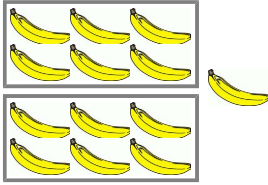


When Division is Not Exact



If you divide 13 bananas evenly between Joe and Sally, how many does each one get?

$$13 \div 2 = ?$$

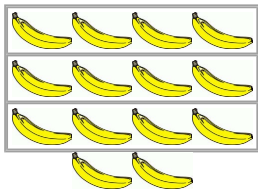
Joe and Sally each get 6 bananas and one is left over.
We write this as:

$$13 \div 2 = 6, R1$$

The leftover banana is called **the remainder**, and is indicated after the letter R.
(If we didn't want any leftovers, then both could get 6 1/2 bananas.)

1. Fill in the blanks.

- a. 14 bananas divided among 3 people gives 4 bananas to each and 2 bananas that cannot be divided evenly.



$$14 \div 3 = 4,$$

remainder 2

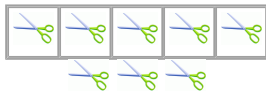
- b. 14 carrots divided among 5 people gives 2 carrots to each and 4 carrots that cannot be divided evenly.



$$14 \div 5 = 2,$$

remainder 4

- c. 8 scissors divided among 5 people gives 1 pair of scissors to each and 3 pairs that cannot be divided evenly.



$$8 \div 5 = \underline{\hspace{1cm}},$$

remainder

- d. 3 apples divided among 5 people means we cannot share them equally.
So, no one gets any apples.
All 3 are left over.



$$3 \div 5 = 0,$$

remainder

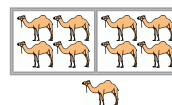
- e. rams divided among 6 people gives rams to each and rams that cannot be divided evenly.



$$\underline{\hspace{1cm}} \div 6 = \underline{\hspace{1cm}},$$

remainder .

- f. camels divided between 2 people gives camels to each person, and camel left over.



$$\underline{\hspace{1cm}} \div 2 = \underline{\hspace{1cm}},$$

remainder .