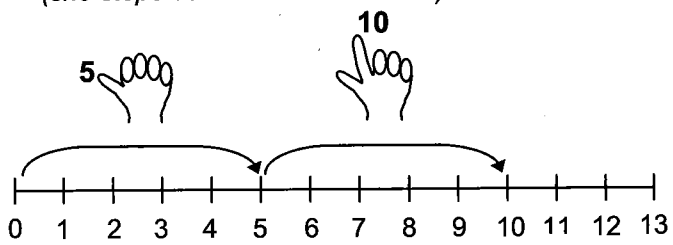
NS5-39: Dividing with Remainders

Nina wants to find 13 ÷ 5 mentally.

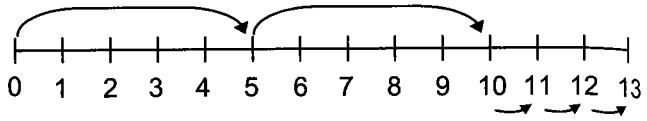
Step 1:
Counting by 5s, she raises 2 fingers (she stops before she reaches 13).



Number of fingers she has raised

13 ÷ 5 = 2 Remainder ___

Step 2:
Nina stopped counting at 10.
She subtracts 10 from 13 to find the remainder.



13 ÷ 5 = 2 Remainder 3

1. Try to answer the following questions in your head (or by skip counting):

a) 22 ÷ 5 = _____ R _____ b) 17 ÷ 5 = _____ R _____ c) 31 ÷ 5 = _____ R _____

d) 27 ÷ 5 = _____ R _____ e) 13 ÷ 5 = _____ R _____ f) 7 ÷ 5 = _____ R _____

g) 13 ÷ 3 = _____ R _____ h) 17 ÷ 3 = _____ R _____ i) 23 ÷ 3 = _____ R _____

j) 23 ÷ 7 = _____ R _____ k) 19 ÷ 6 = _____ R _____ l) 25 ÷ 8 = _____ R _____

m) 37 ÷ 9 = _____ R _____ n) 43 ÷ 7 = _____ R _____ o) 29 ÷ 8 = _____ R _____

p) 13 ÷ 6 = _____ R _____ q) 47 ÷ 9 = _____ R _____ r) 64 ÷ 7 = _____ R _____

s) 53 ÷ 9 = _____ R _____ t) 46 ÷ 6 = _____ R _____ u) 23 ÷ 4 = _____ R _____

2. Richard wants to divide 18 peaches between 5 friends.

How many peaches will each friend get? _____

How many will be left over? _____

3. Paul puts 16 pencils in three boxes.

How many pencils will go in each box? _____

How many will be left over? _____