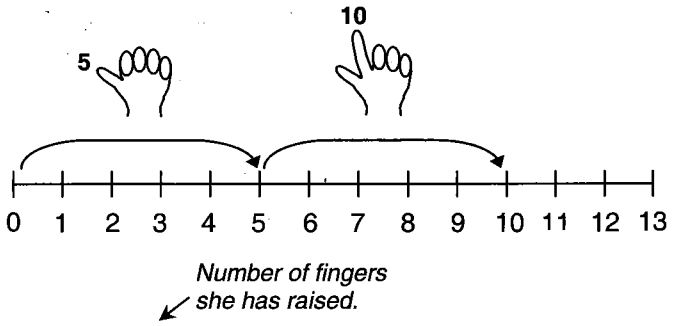
NS4-64: Mental Math — Division

Nina wants to find 13 ÷ 5 mentally.

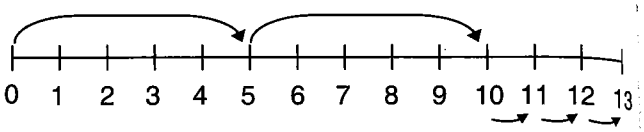
Step 1:
Counting by 5s, she raises two fingers (she stops before she reaches 13).



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) 18 ÷ 5 = _____ R _____ b) 23 ÷ 5 = _____ R _____ c) 26 ÷ 5 = _____ R _____

d) 28 ÷ 5 = _____ R _____ e) 16 ÷ 5 = _____ R _____ f) 6 ÷ 5 = _____ R _____

g) 10 ÷ 3 = _____ R _____ h) 7 ÷ 3 = _____ R _____ i) 16 ÷ 3 = _____ R _____

j) 8 ÷ 2 = _____ R _____ k) 5 ÷ 2 = _____ R _____ l) 17 ÷ 4 = _____ R _____

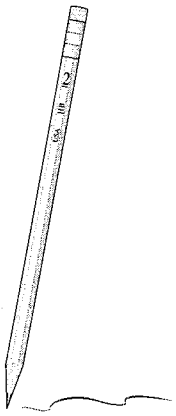
m) 16 ÷ 7 = _____ R _____ n) 28 ÷ 9 = _____ R _____ o) 25 ÷ 8 = _____ R _____

p) 13 ÷ 2 = _____ R _____ q) 45 ÷ 8 = _____ R _____ r) 63 ÷ 7 = _____ R _____

2. Richard wants to divide 16 pencils between 5 friends.

How many pencils will each friend get? _____

How many will be left over? _____



3. You have 17 tickets to a school play-day.
You want to give 5 tickets to each friend.

How many friends can you share with? _____

How many tickets will be left over? _____