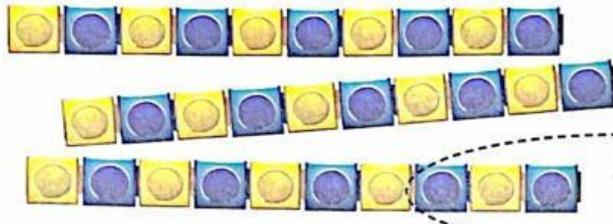


6.4 Subtraction with regrouping

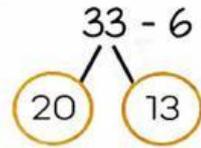
EXAMPLE 11

Chan has 33 cubes. Fai takes away 6 cubes. How many cubes does Chan have now?

I need to break up this row of 10, to give Fai 6 cubes.



to Fai



$$33 - 6 = ?$$

SOLUTION

Tens	Ones

$$33 = 3 \text{ tens } 3 \text{ ones}$$

regroup

Tens	Ones

$$2 \text{ tens } 13 \text{ ones}$$

Tens	Ones

We need to **regroup** 1 ten 3 ones into 13 ones.

STEP 1

	Tens	Ones
	2	3
-	3	6
		7

13 ones - 6 ones = 7 ones

STEP 2

	Tens	Ones
	2	3
-	3	6
	2	7

2 tens - 0 tens = 2 tens

So, $33 - 6 = 27$.

Chan has 27 cubes now.