

# B

# Compose, Decompose and Regroup Numbers

## What You Will Learn:

- Compose numbers using 10s and 1s.
- Decompose numbers using 10s and 1s.
- Regroup numbers.

## Look Back



What are the ways you can regroup 12?

## Thinking Cap

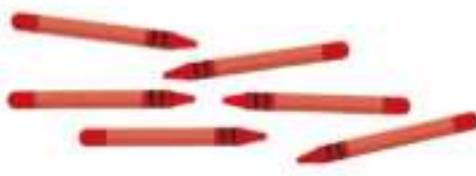
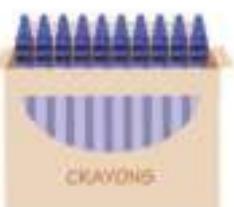


Ron has 48 blue and green toy cars.  
How many cars can he have for each colour?  
Share your answer with your partner.



## Let's Learn

a There are 30 blue crayons and 6 red crayons.



You can **compose** 36 using 10s and 1s.

$$30 + 6 = 36$$

30 and 6 make \_\_\_\_\_.

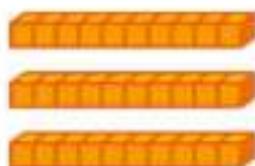
30 and 6 is the same as 3 tens and 6 ones.



You can use place value to **decompose** 36.

$$36 = 30 + 6$$

b You can **regroup** 36 in many ways.



First way:  $36 = 10 + 10 + 10 + 6$

Second way:  $36 = \underline{\hspace{2cm}} + 20 + 6$



Your partner might have a different way. Respect each other's ideas.

Third way:  $36 = 32 + \underline{\hspace{2cm}}$



What other ways can you regroup 36? Compare your answers with your partner.

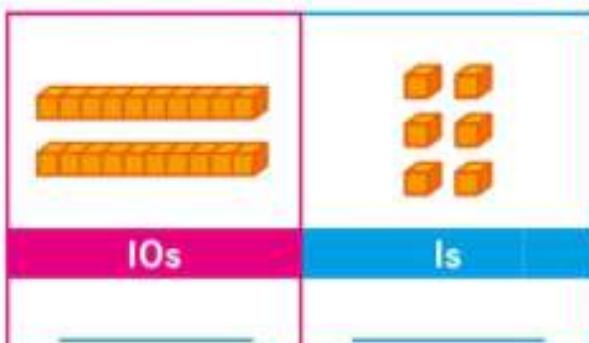


## Let's Practise



1 Fill in the blanks.

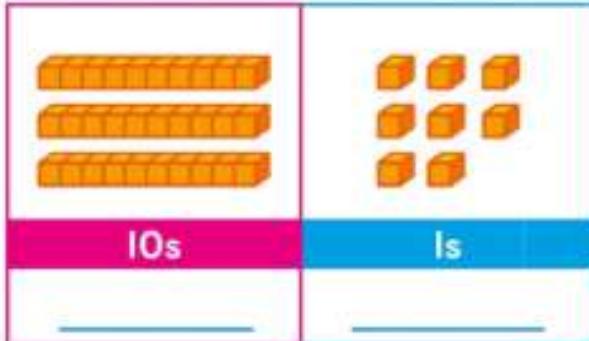
a



$$\underline{\quad} + 6 = 26$$

$$26 = \underline{\quad} + \underline{\quad}$$

b



$$\underline{\quad} + 8 = 38$$

$$38 = \underline{\quad} + \underline{\quad}$$

2 There are 24 watches in a shop.

Regroup 24 in two ways.



3 Colour five numbers to make 37.



Tick (✓) to show what you can do.

- I can compose numbers using 10s and 1s.
- I can decompose numbers using 10s and 1s.
- I can regroup numbers.