

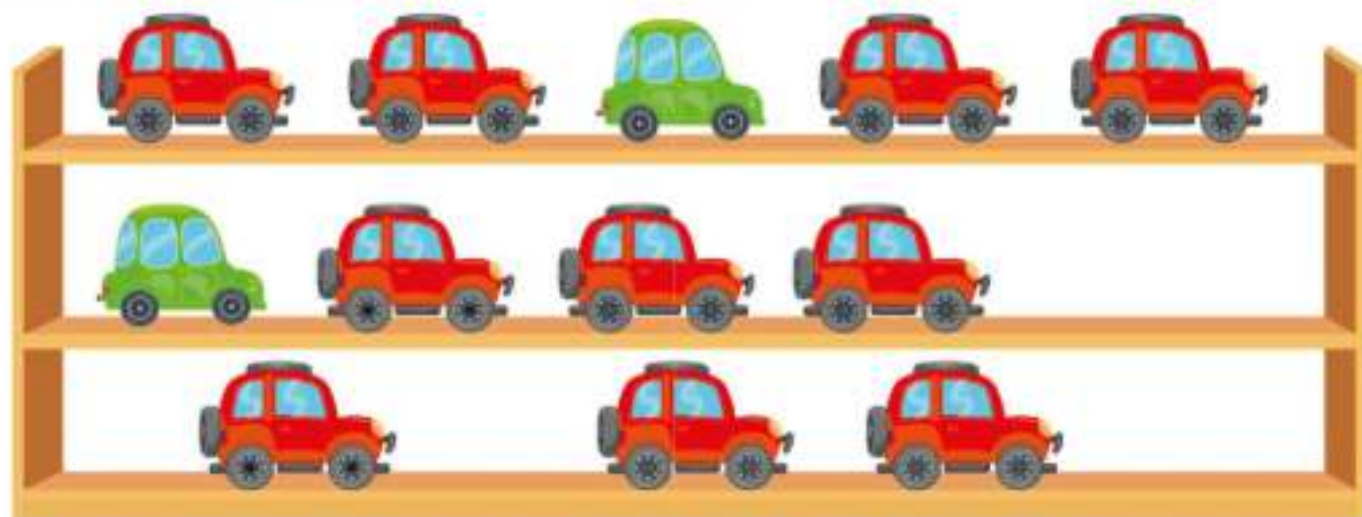
B

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 _____.

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

$$36 = 30 + 6$$

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



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



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

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



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

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



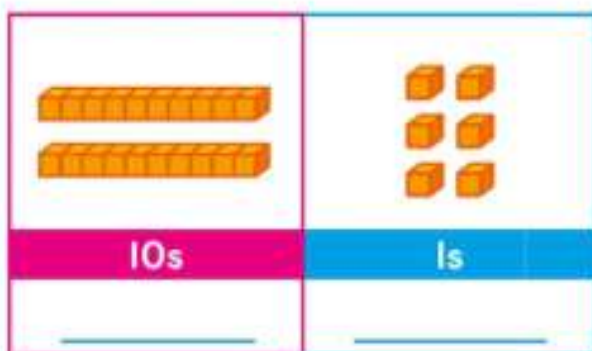
What other ways can you regroup 36? Compare your answers with your partner.



Let's Practise

1 Fill in the blanks.

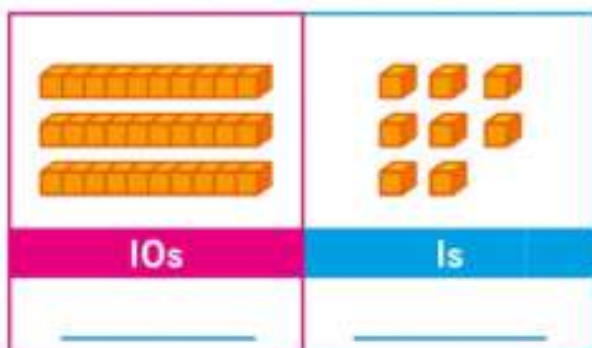
a



$$\underline{\hspace{2cm}} + 6 = 26$$

$$26 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

b



$$\underline{\hspace{2cm}} + 8 = 38$$

$$38 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

- 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.