

P2 MATHEMATICS WORKSHOP FOR PARENTS

17 FEBRUARY 2017



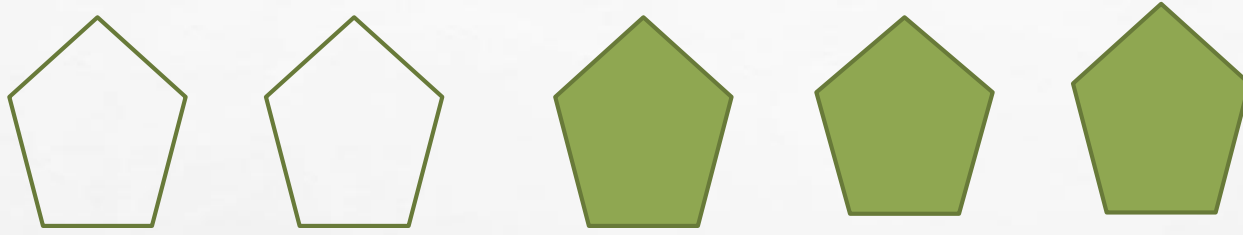
Questions

Does more than always mean addition?

Does less than always mean subtraction?

Workshop Objectives

- ❖ To look at the different types of mathematical statements using “*more than*” and “*less than*”.
- ❖ To use Model Diagrams to represent mathematical statements using “*more than*” and “*less/fewer than*”.



$$2 + 3 = 5$$

2 more than 3 = 5

2 more than 3 is 5.

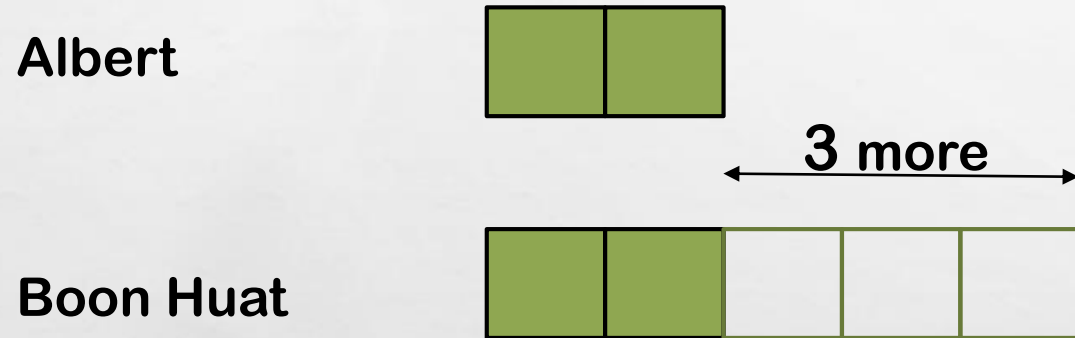
2 less than 5 is 3.

3 less than 5 is 2.

Albert has 2 toy cars.

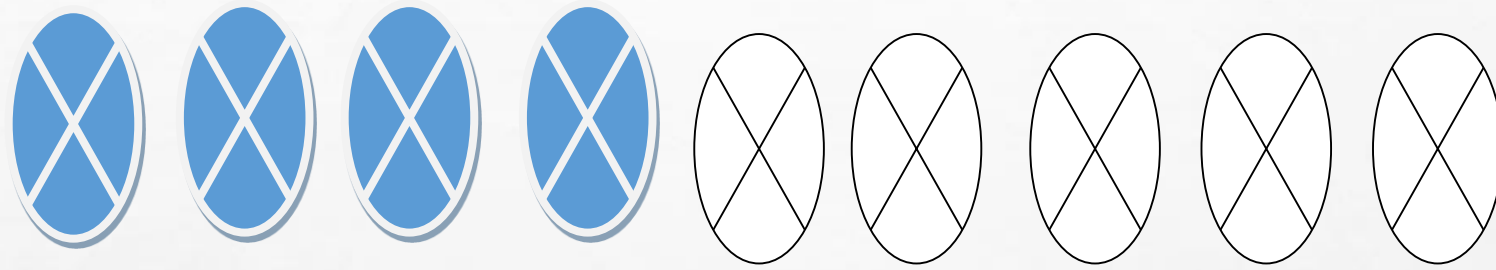
Boon Huat has 3 more toy cars than Albert.

How many toy cars does Boon Huat have?



$$2 + 3 = 5$$

Boon Huat has 5 toy cars.



$$4 + 5 = 9$$

4 less than 9 is 5.

$$5 \text{ more than } 4 = 9$$

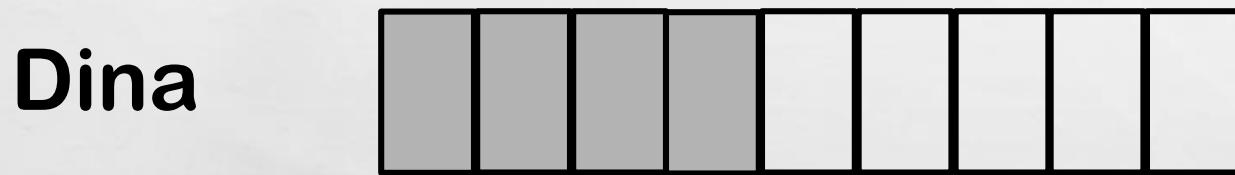
5 less than 9 is 4.

$$\underline{9} = 5 \text{ more than } 4$$

9 is 5 more than 4.

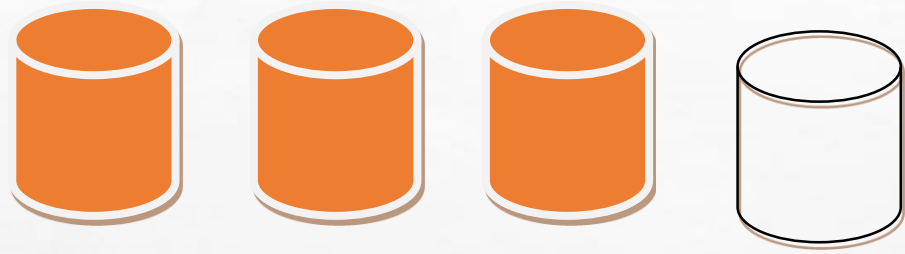
Carrisa has 4 dolls.

Dina has 5 more dolls than Carrisa. How many dolls does Dina have?



$$4 + 5 = 9$$

Dina has 9 dolls.



$$4 = 1 + 3$$

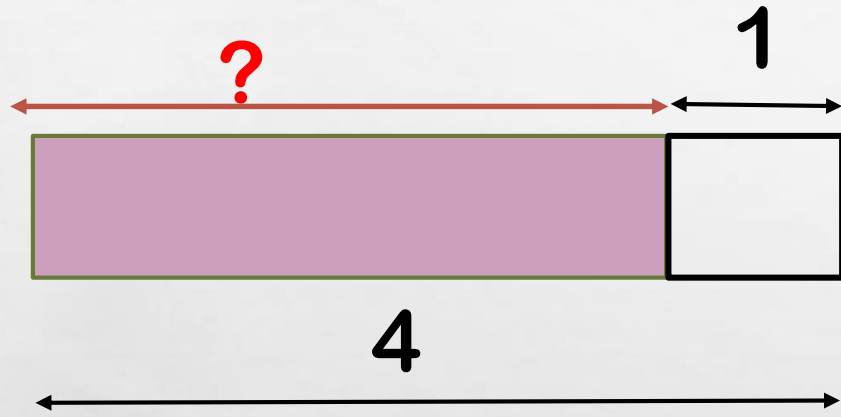
3 less than 4 is 1.

1 less than 4 is 3.

4 = 1 more than 3

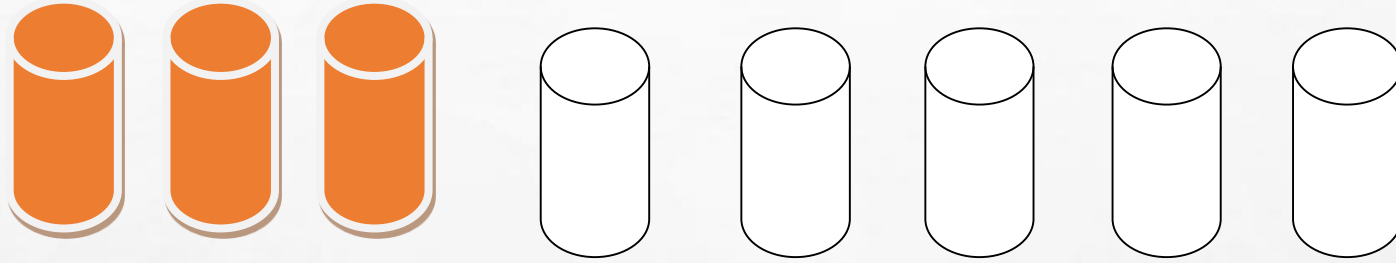
4 is 1 more than 3

Fandi has some bags. He adds 1 more.
He now has 4 bags.
How many bags did he have at first?



$$4 - 1 = 3$$

Fandi had 3 bags at first.



$$8 = 3 + 5$$

3 more than 5 = 8

8 = 3 more than 5

8 is 3 more than 5.

3 less than 8 is 5.

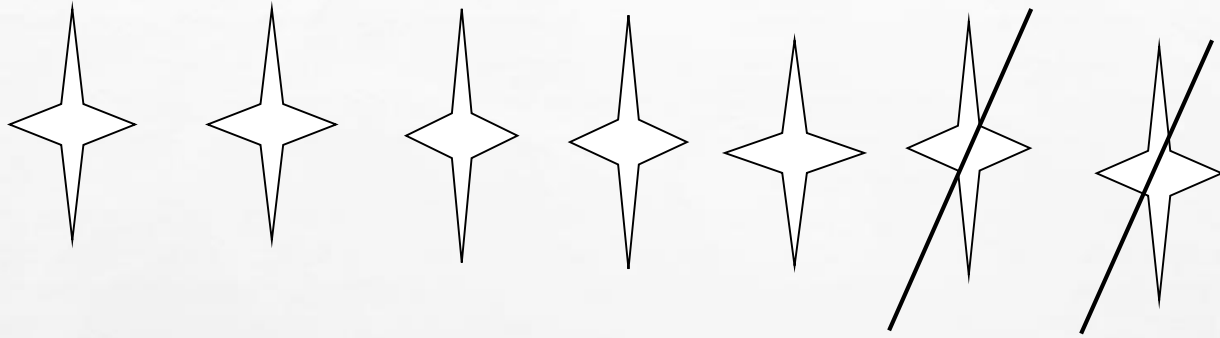
5 less than 8 is 3.

Gurleen has some bottles. She added 5 more bottles. She now has 8 bottles.
How many bottles did she have at first?



$$8 - 5 = 3$$

Gurleen had 3 bottles.



$$7 - 2 = 5$$

2 less than 7 = 5

2 less than 7 is 5

2 more than 5 is 7.

5 more than 2 is 7.

Harish has 7 pens.

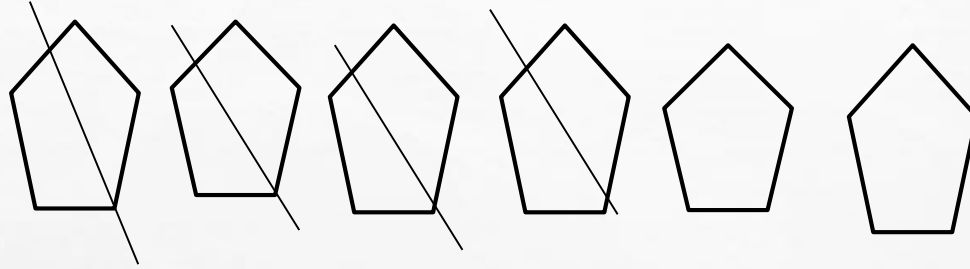
He has 2 fewer pencils than pens.

How many pencils does Harish have?



$$7 - 2 = 5$$

Harish has 5 pencils.



$$6 - 4 = 2$$

$$2 = 6 - 4$$

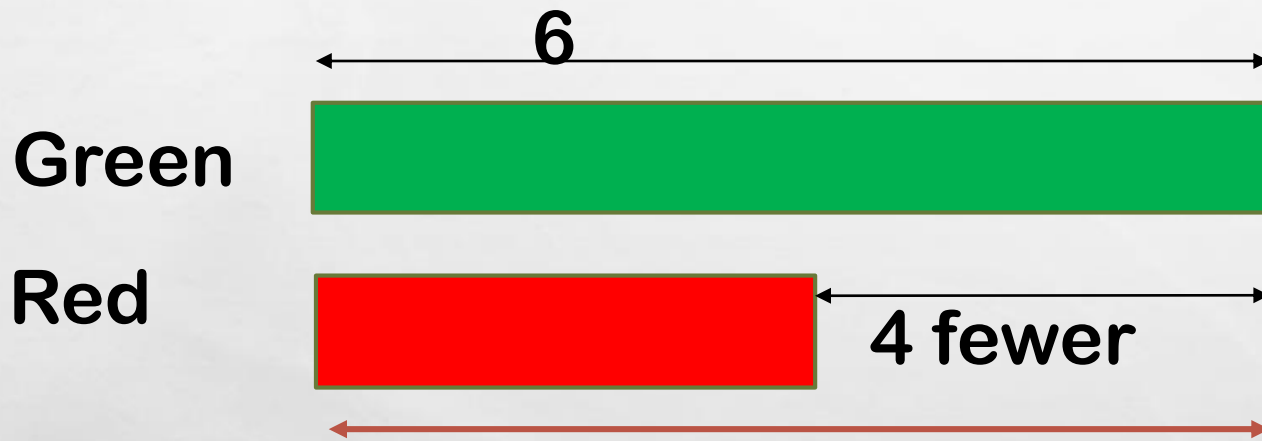
2 = 4 less than 6

2 is 4 less than 6.

2 more than 4 is 6.

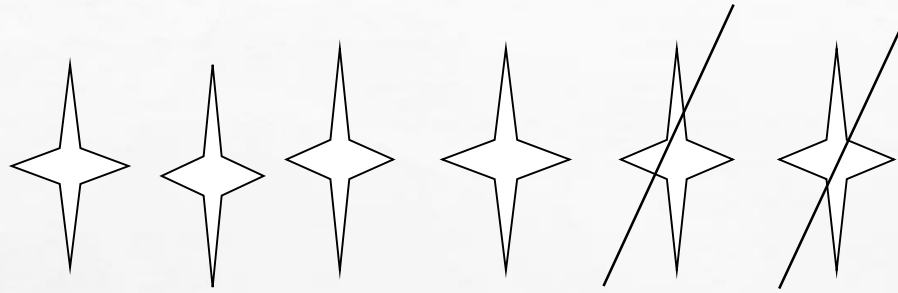
4 more than 2 is 6.

Issac has 6 green marbles. He has 4 fewer red marbles than green marbles. How many red marbles does he have?



$$6 - 4 = 2$$

He has 2 red marbles.



$$6 - 2 = 4$$

$$4 = 6 - 2$$

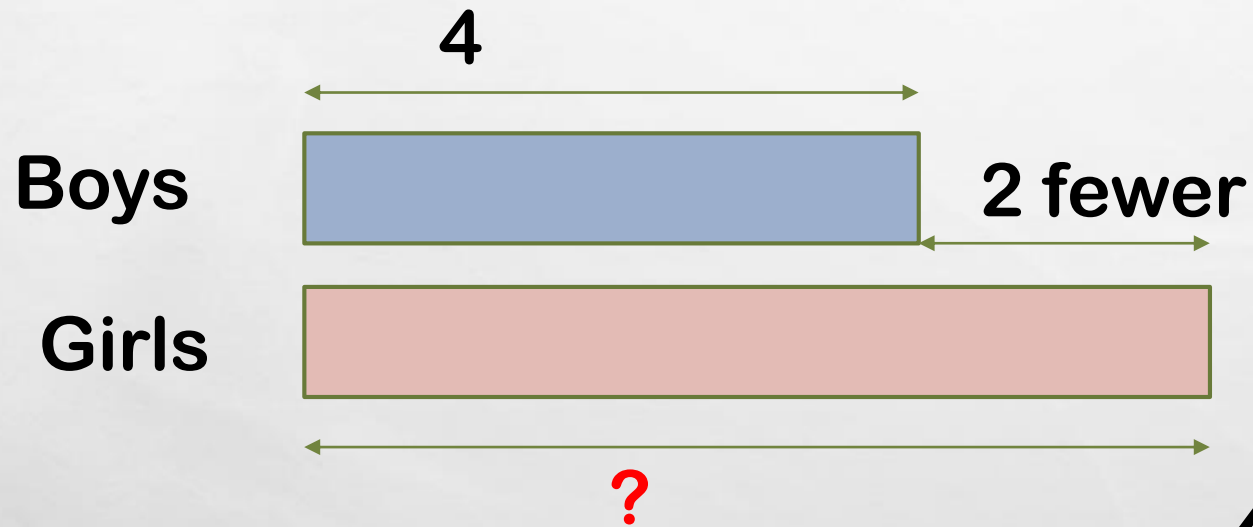
2 more than 4 is 6.

4 more than 2 is 6.

4 = 2 less than 6

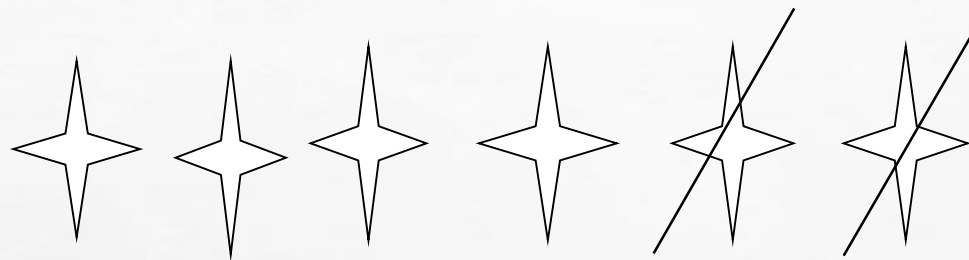
4 is 2 less than 6 .

In a room, there are 4 boys and some girls.
There are 2 fewer boys than girls.
How many girls are in the room?



$$4 + 2 = 6$$

There are 6 girls.



$$4 = 6 - \underline{2}$$

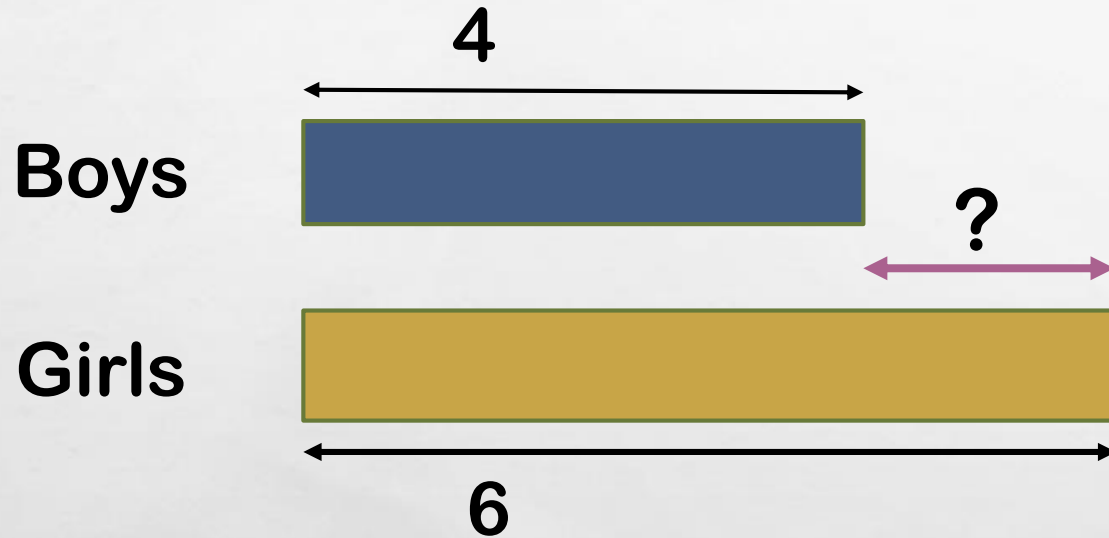
4 = 2 less than 6

4 is 2 less than 6.

4 more than 2 is 6.

2 more than 4 is 6.

In a room, there are 4 boys and 6 girls.
How many fewer boys than girls are there?



$$6 - 4 = 2$$

There 2 fewer.

Some questions from *My Pals Are Here!* 2A workbook

Pg 91 Q1

Huiping has 86 stickers. Aisha has 49 fewer stickers than Huiping. How many stickers does Aisha have?

Pg 93 Q5

Paul made 123 masks. Paul made 87 fewer masks than Joshua. How many masks did Joshua make?

Pg 91 Q2

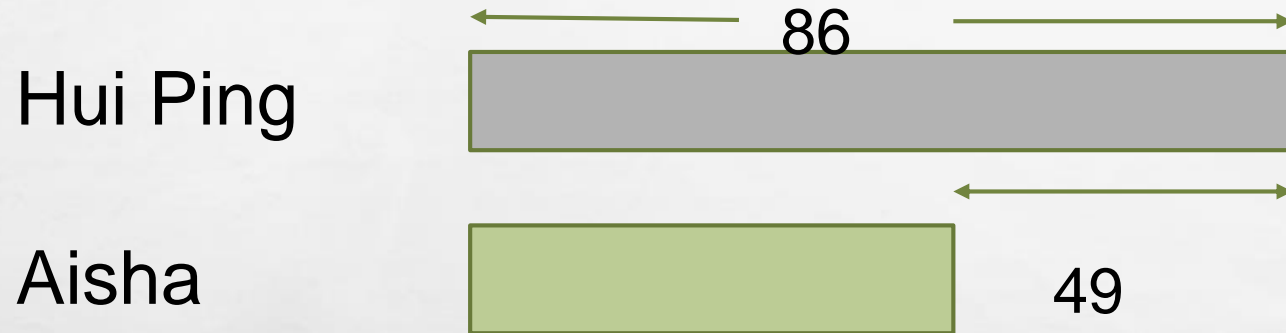
Vishnu collected 29 toy cars. Rishan collected 69 more toy cars than Vishnu. How many toy cars did Rishan collect?

Pg 92 Q3

Aunt Alice fried 166 fish balls for a party. She fried 77 more fish balls than prawn balls for the party. How many prawn balls did Aunt Alice fry?

Pg 91 Q1

Huiping has 86 stickers. Aisha has 49 fewer stickers than Huiping. How many stickers does Aisha have?

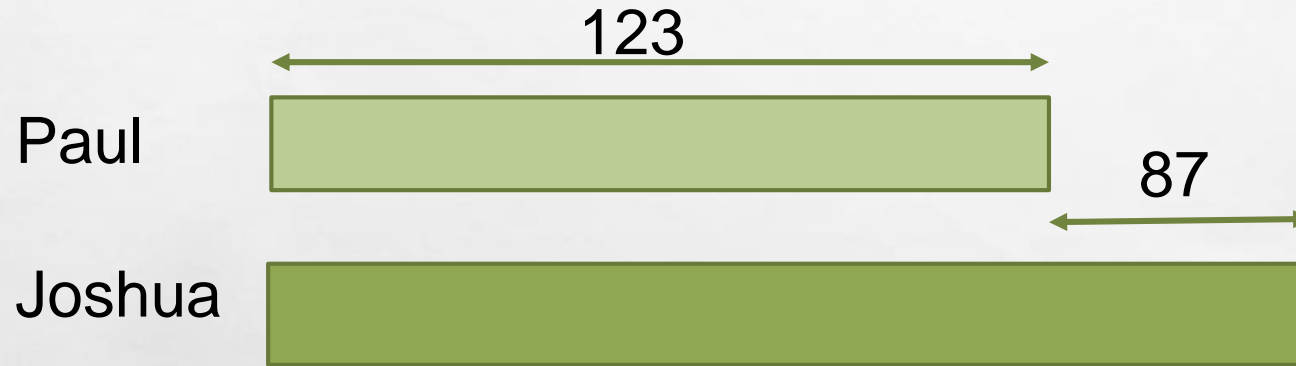


$$86 - 49 = 37$$

Aisha has 37 stickers.

Pg 93 Q5

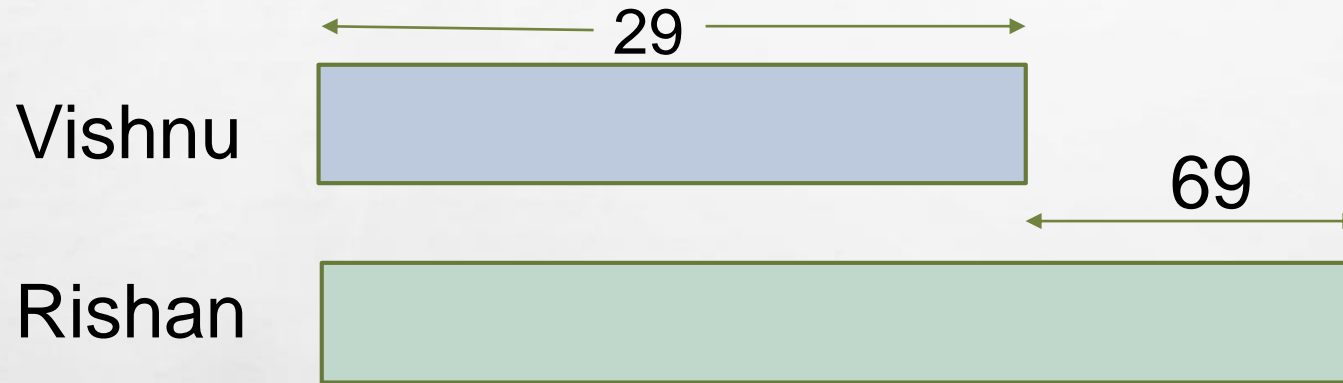
Paul made 123 masks. Paul made 87 fewer masks than Joshua. How many masks did Joshua make?



$$123 + 87 = 210$$

Ans: 210

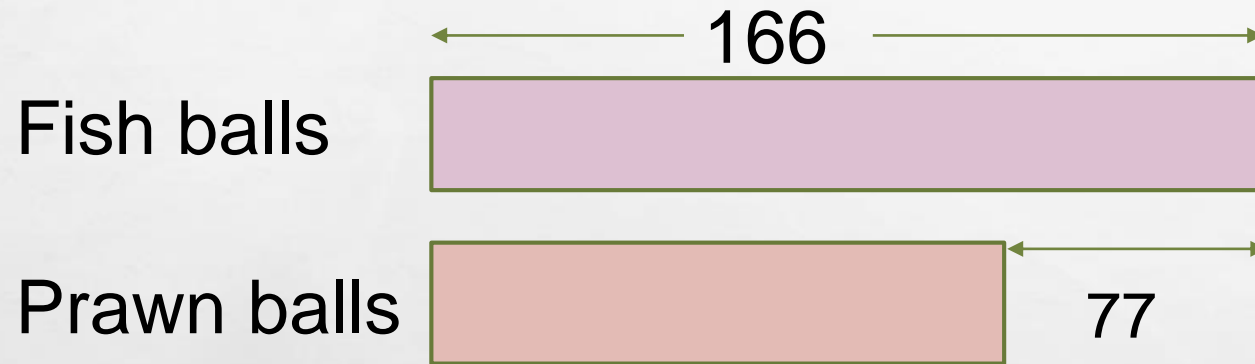
Vishnu collected 29 toy cars. Rishan collected 69 more toy cars than Vishnu. How many toy cars did Rishan collect?



$$29 + 69 = 98$$

Ans: 98

Aunt Alice fried 166 fish balls for a party. She fried 77 more fish balls than prawn balls for the party. How many prawn balls did Aunt Alice fry?



$$166 - 77 = 89$$

Ans: 89