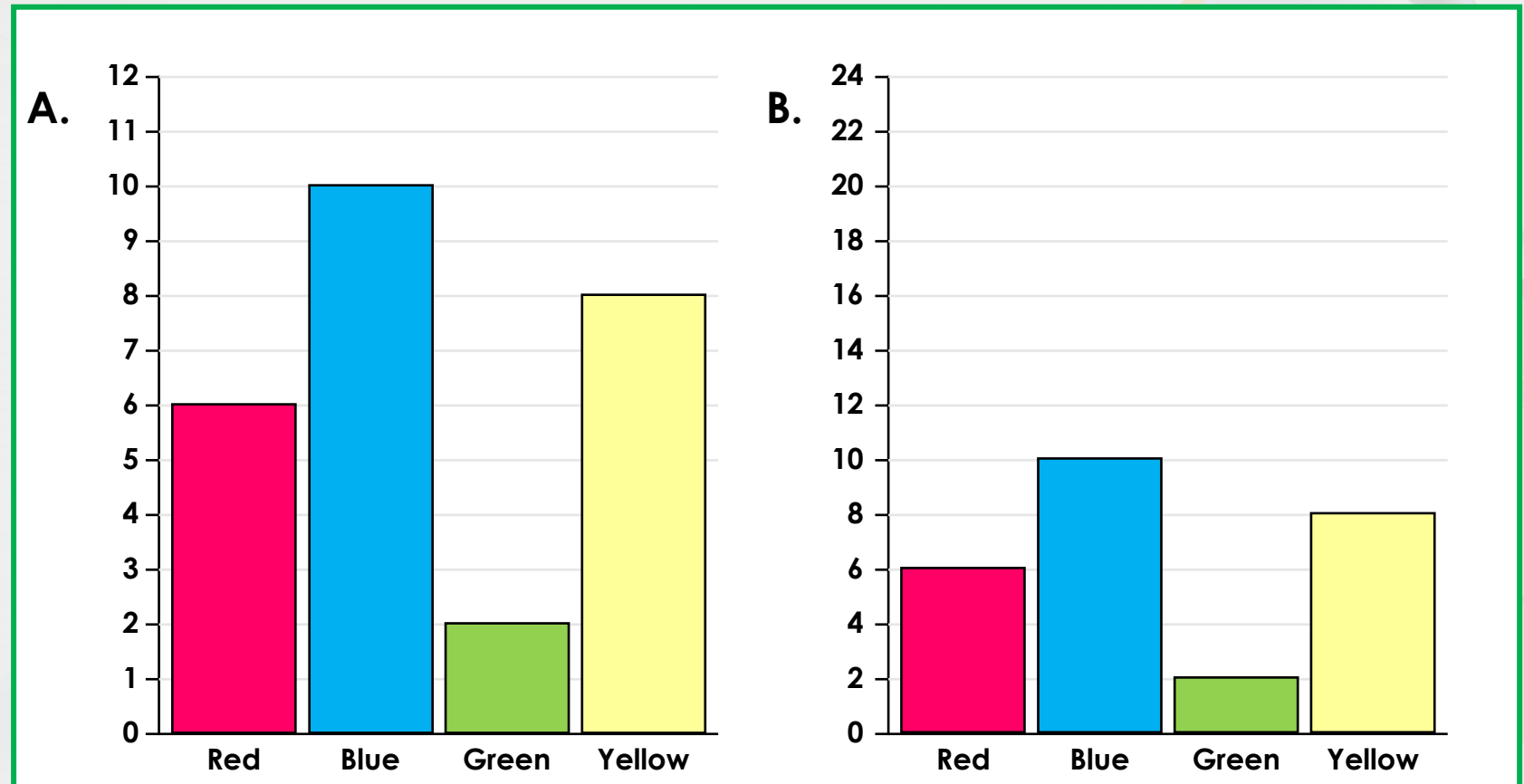


# Step 2: Bar Charts

## Introduction

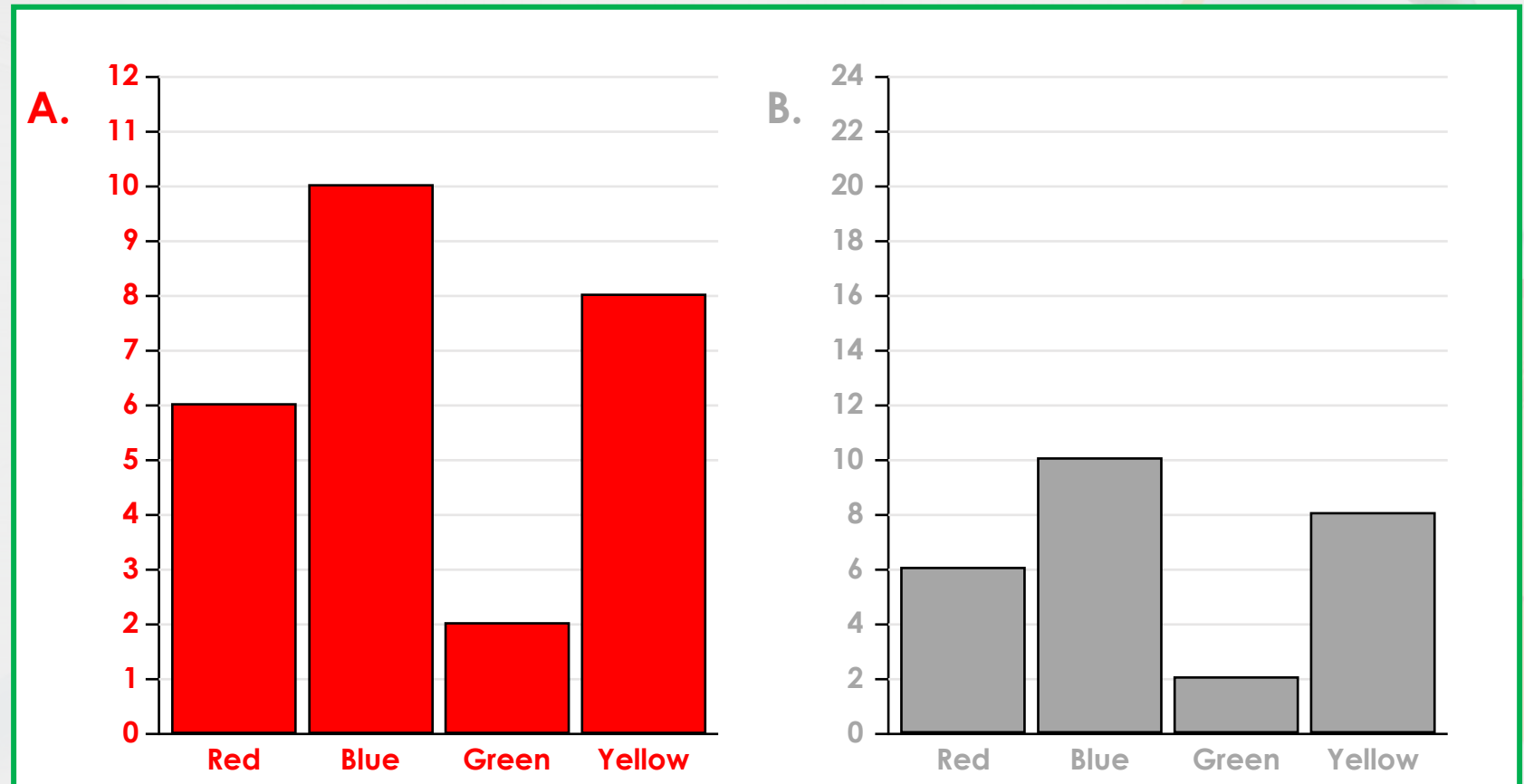
Explain the similarities and differences between these two charts.



## Introduction







Explain the similarities and differences between these two charts.


**Answer: different scale is used, same data is shown**

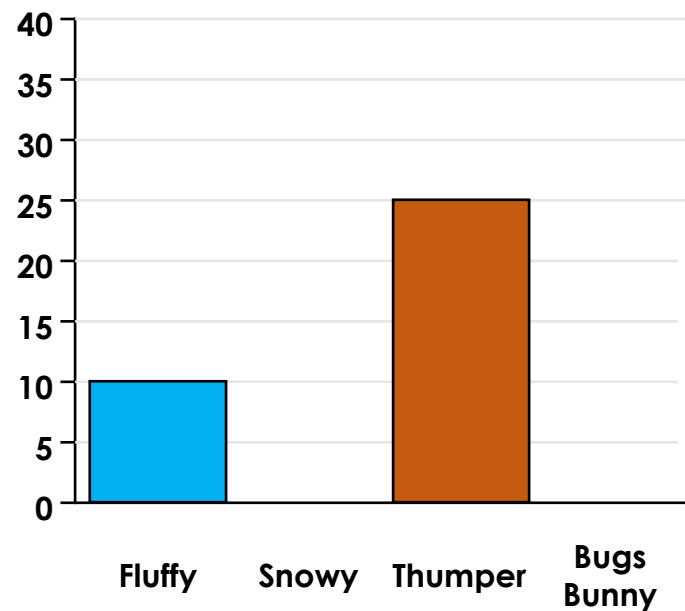


## Varied Fluency 1

Use the information to explain how to complete the pictogram and the bar chart.





Rabbits	Number of carrots eaten
Fluffy	
Snowy	 
Thumper	
Bugs Bunny	   


 = 10 carrots

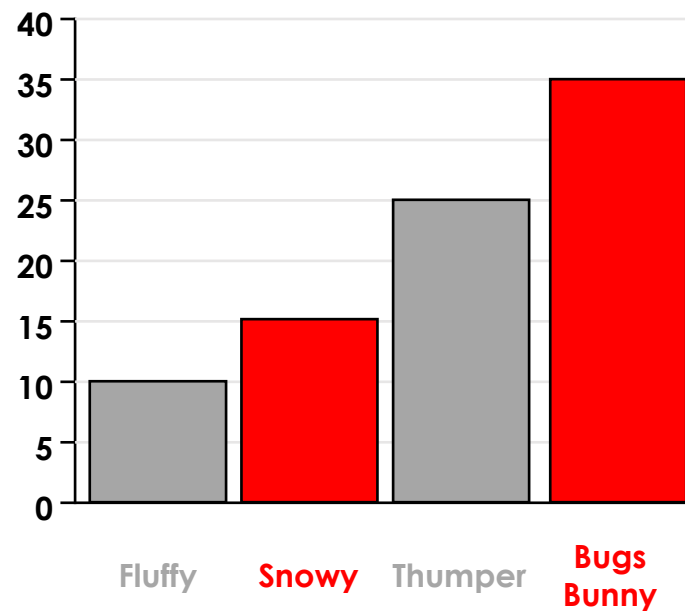


## Varied Fluency 1

Use the information to explain how to complete the pictogram and the bar chart.

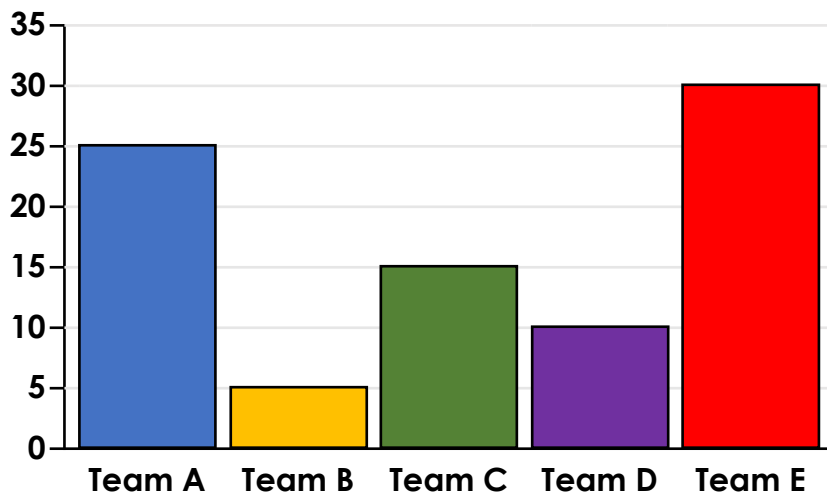
Rabbits	Number of carrots eaten
Fluffy	
Snowy	
Thumper	
Bugs Bunny	

 = 10 carrots



## Varied Fluency 2

Use this bar chart to answer the questions about the number of goals scored in a tournament.

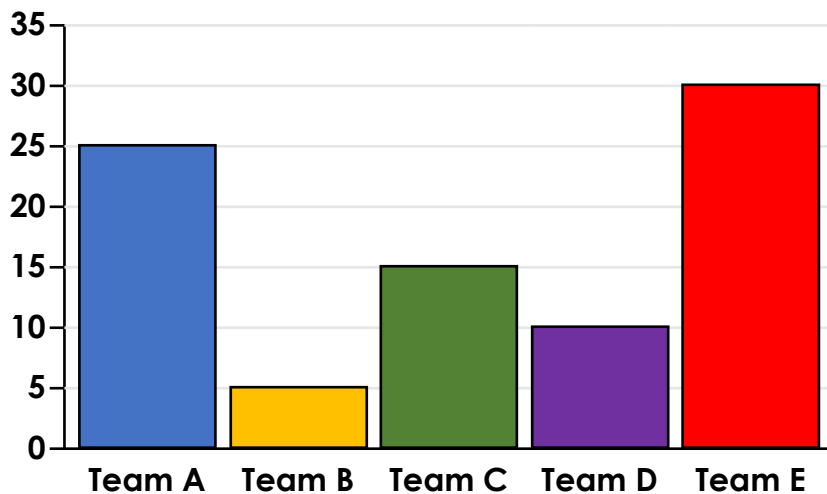


- A. Which team scored the most goals?
- B. How many more goals did Team A score than Team D?
- C. How many goals did Teams C and E score altogether?
- D. How many goals were scored in total?



## Varied Fluency 2

Use this bar chart to answer the questions about the number of goals scored in a tournament.

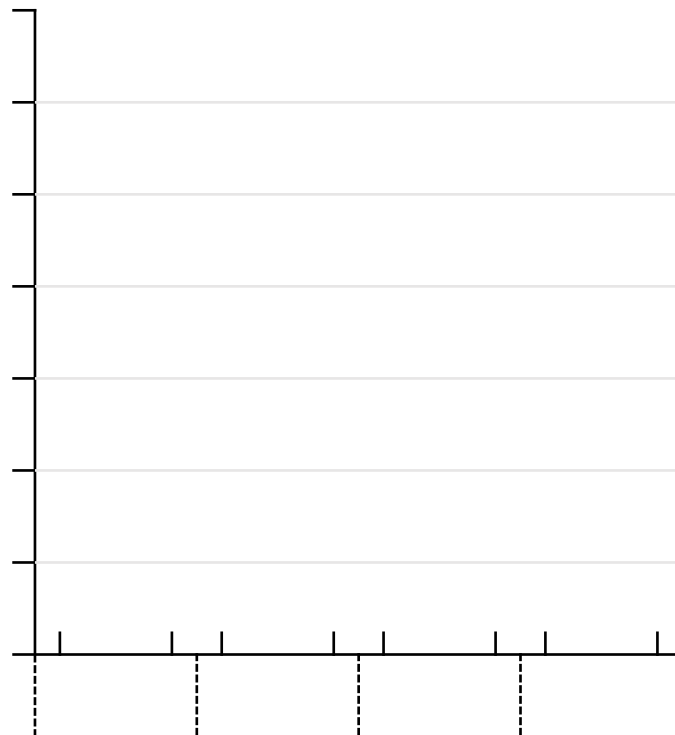


- A. Which team scored the most goals?  
**Team E**
- B. How many more goals did Team A score than Team D?  
**15**
- C. How many goals did Teams C and E score altogether?  
**45**
- D. How many goals were scored in total?  
**85**

### Varied Fluency 3

Create a bar chart on paper/in your book using this tally chart.  
Use a scale of 5 and add in the labels.

Favourite Dinosaur	Number of Children
T-Rex	II
Triceratops	II II
Raptor	II II
Diplodocus	II II II

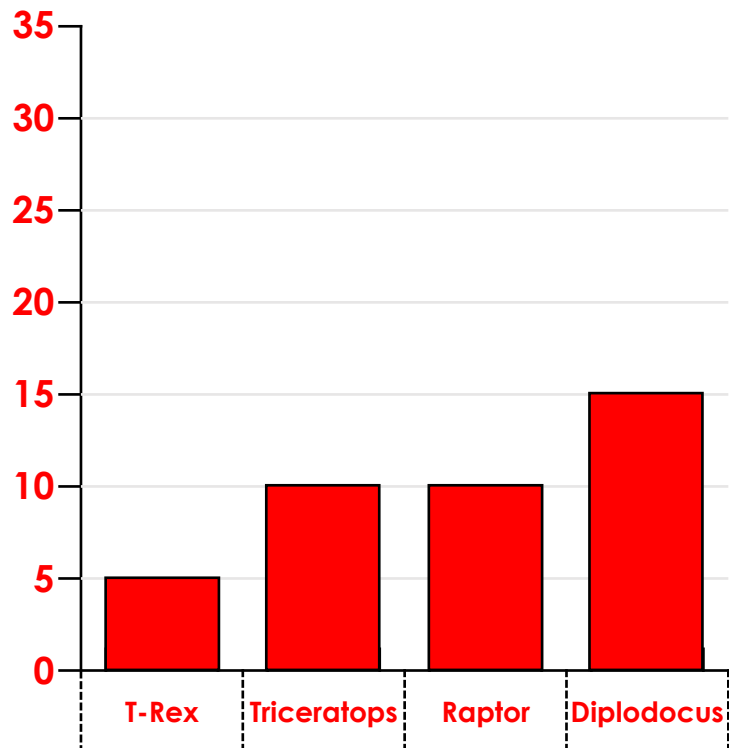




### Varied Fluency 3

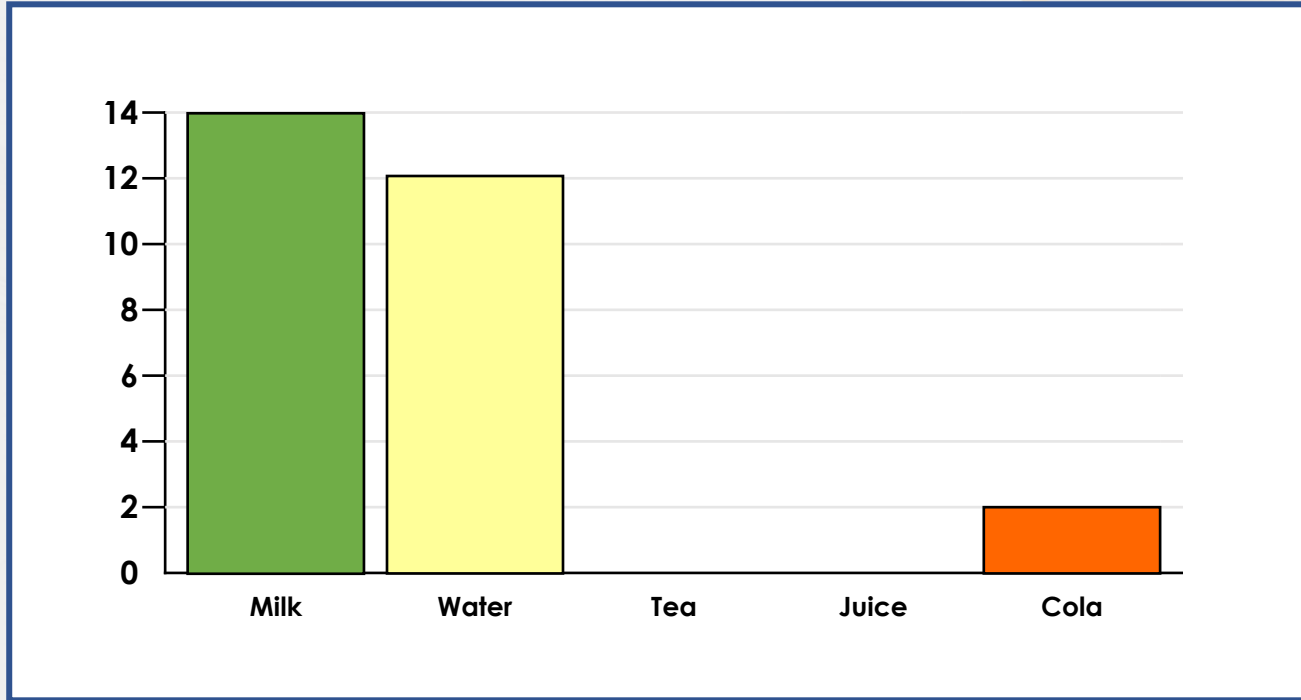
Create a bar chart using this tally chart.  
Use a scale of 5 and add in the labels.

Favourite Dinosaur	Number of Children
T-Rex	II
Triceratops	II II
Raptor	II II
Diplodocus	II II II



## Problem Solving 1

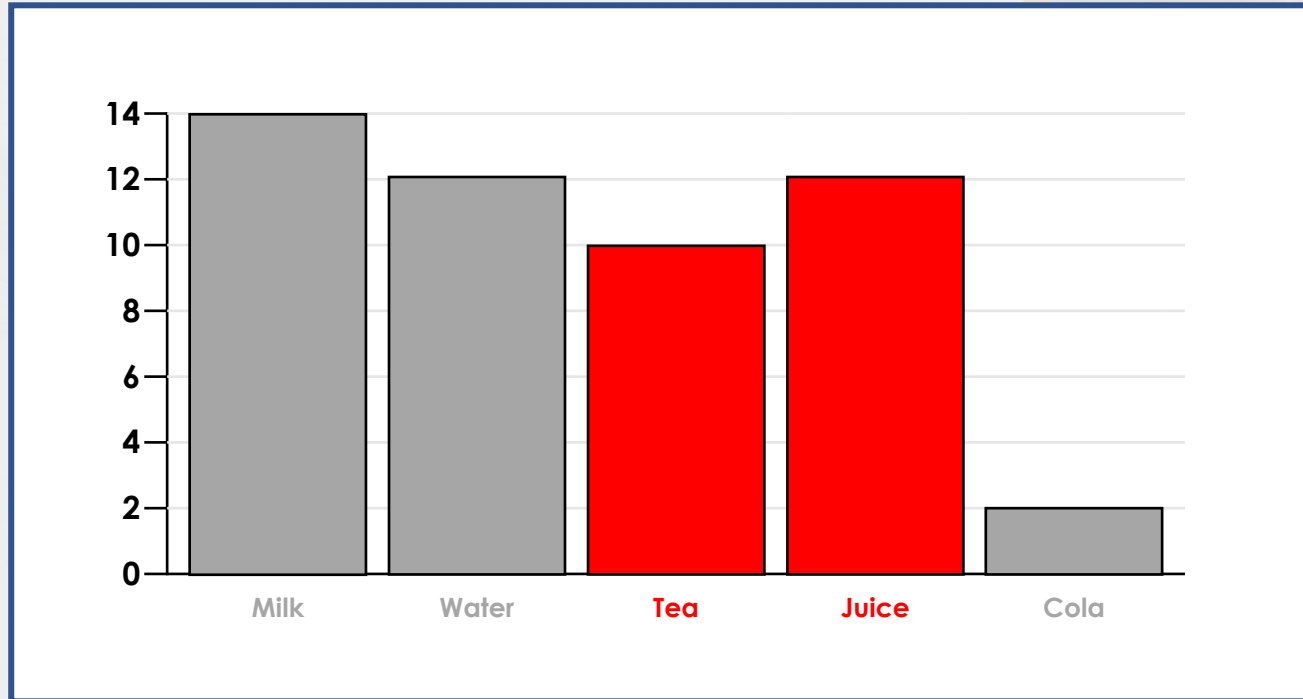
**Challenge Q: The bar chart shows favourite drinks.**



**More children like juice than tea, but fewer like juice than milk.  
Complete the bar chart showing how many children could like tea  
and juice.**

## Problem Solving 1

**Challenge Q: The bar chart shows favourite drinks.**

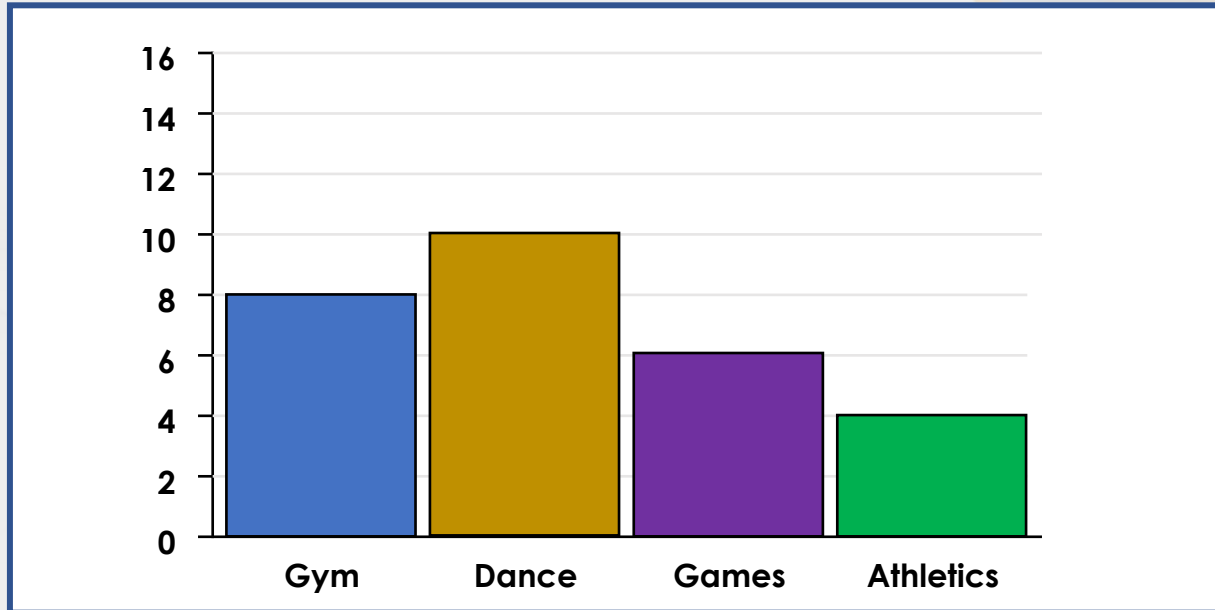


**More children like juice than tea, but fewer like juice than milk.  
Complete the bar chart showing how many children could like tea  
and juice.**

**Various answers, for example:  
10 children like tea and 12 children like juice.**

## Reasoning 1

Ben interprets the bar chart below about favourite types of P.E.



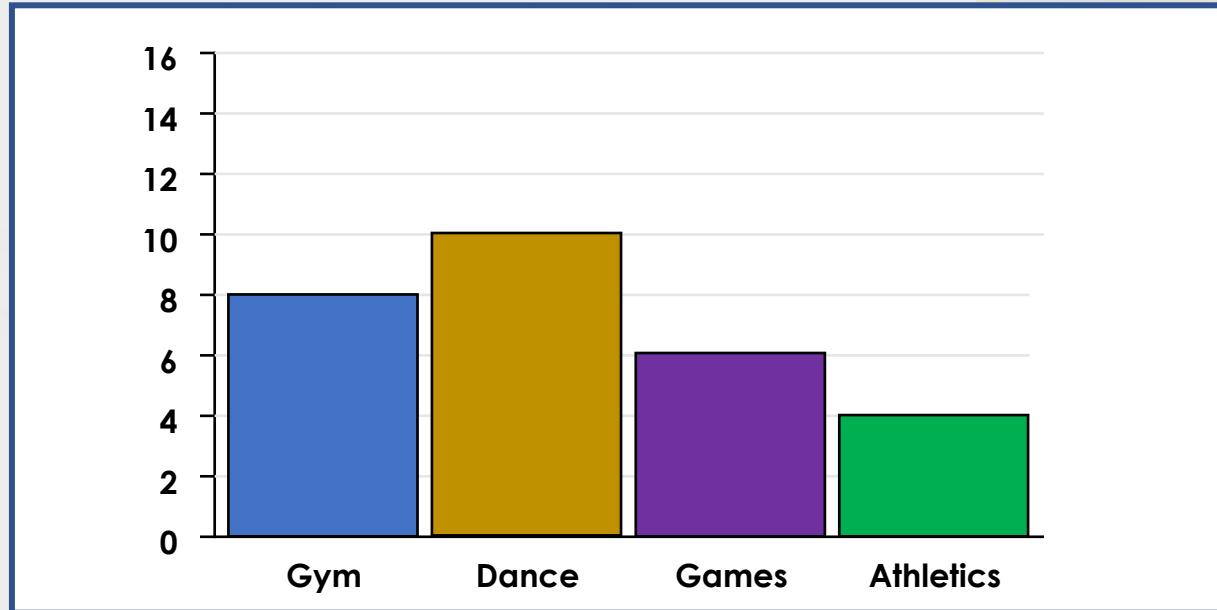
More children like athletics than games.



Is he correct? Explain your answer.

## Reasoning 1

Ben interprets the bar chart below about favourite types of P.E.



More children like athletics than games.

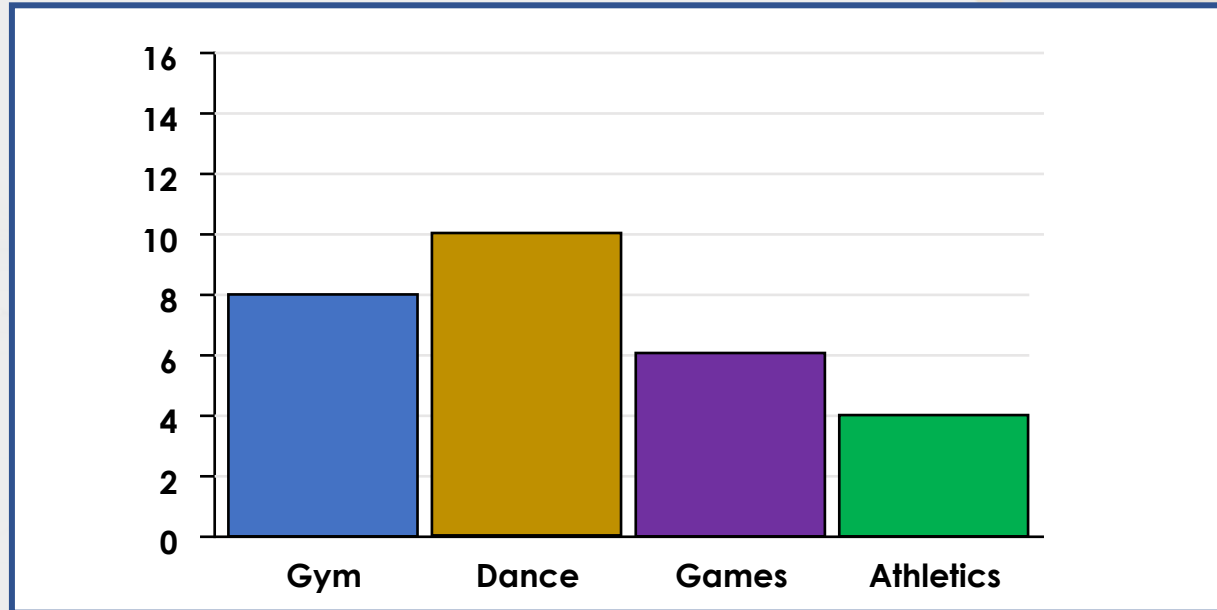


Is he correct? Explain your answer.  
Ben is not correct because...



## Reasoning 1

Ben interprets the bar chart below about favourite types of P.E.



More children like athletics than games.



Is he correct? Explain your answer.


**Ben is not correct because 4 children like athletics and 6 children like games.**



## Problem Solving 2

**Challenge Q: A class collects data about houses.**

<b>Detached</b>	
<b>Semi-detached</b>	
<b>Terraced</b>	
<b>Flat</b>	

 = 4 children



8 more children live in a flat than in a terraced house.

10 fewer children live in a terraced house than a semi.



**Draw a bar chart to display this information.  
Choose a suitable scale.**

## Problem Solving 2

An example of the bar chart is shown below.

