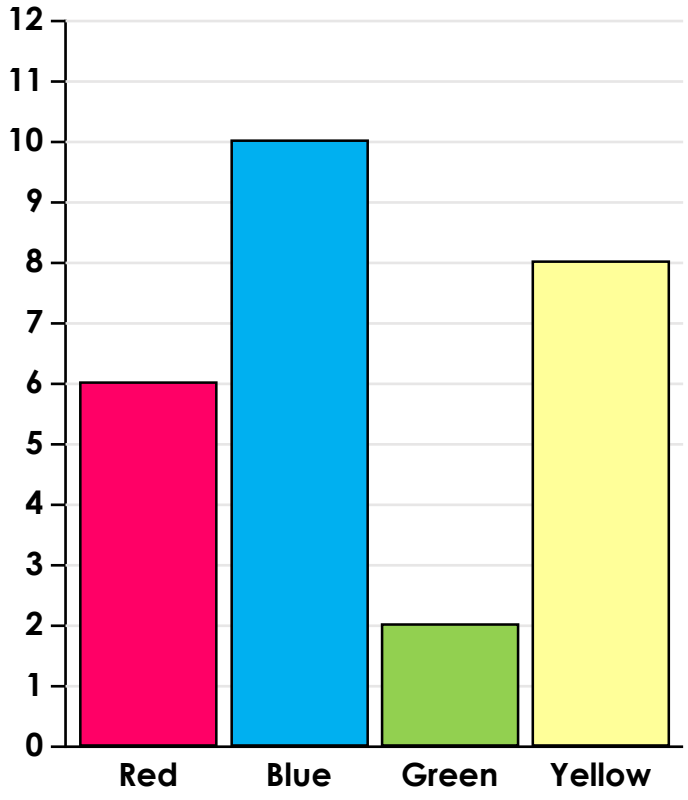
Step 2: Bar Charts

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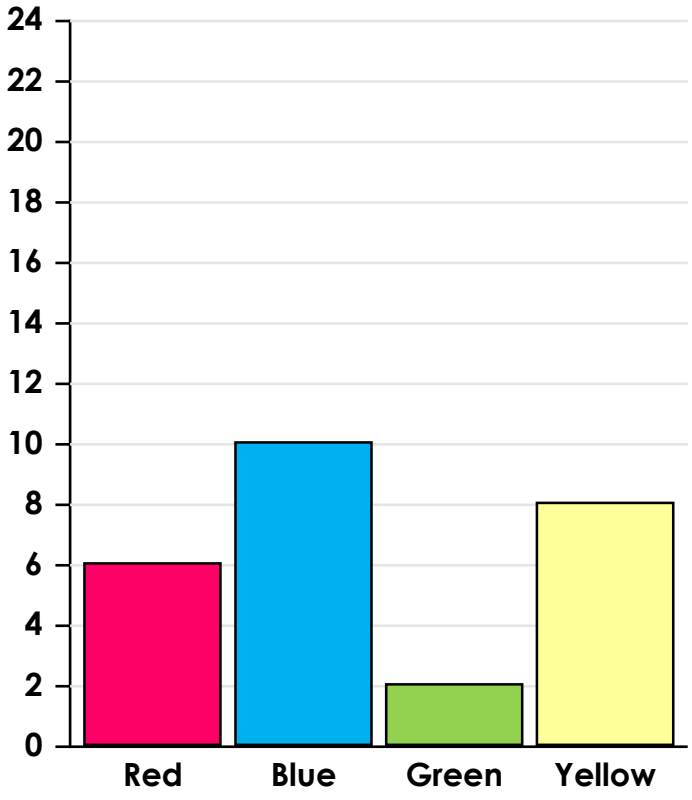
Introduction

Choose which bar chart uses the most appropriate scale? Explain why.

A.



B.



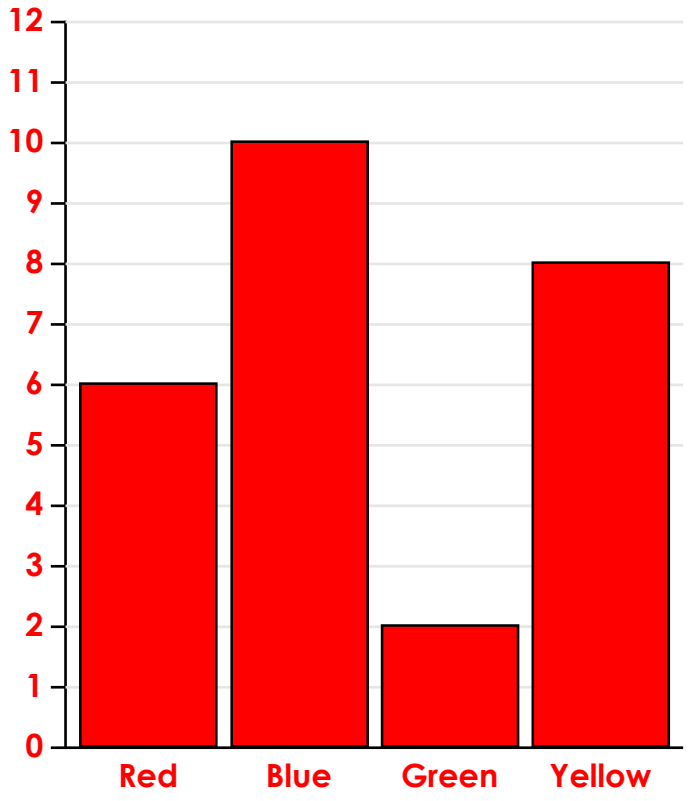
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Introduction

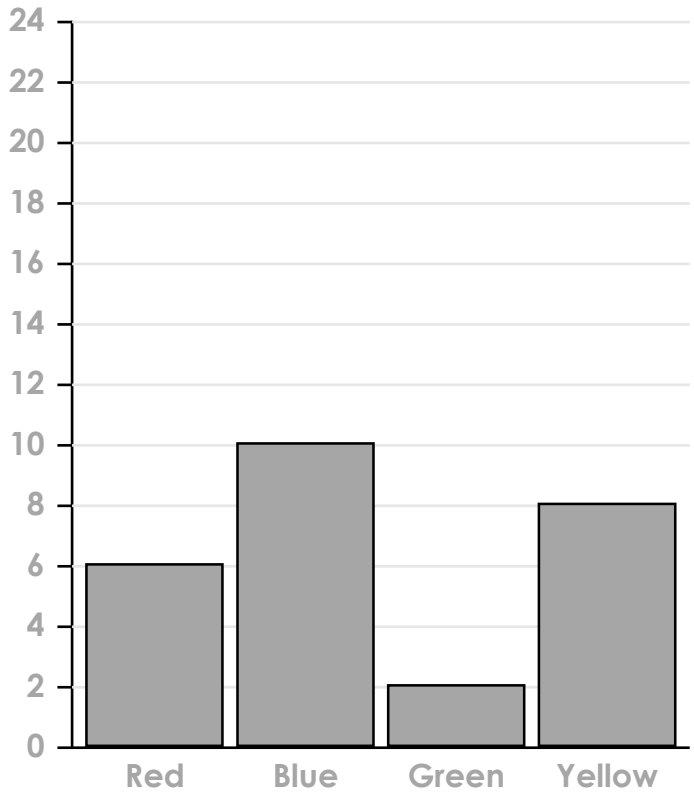
Choose which bar chart uses the most appropriate scale? Explain why.

Various answers, for example: A uses a scale of 1 which uses the space in the bar chart better.

A.



B.



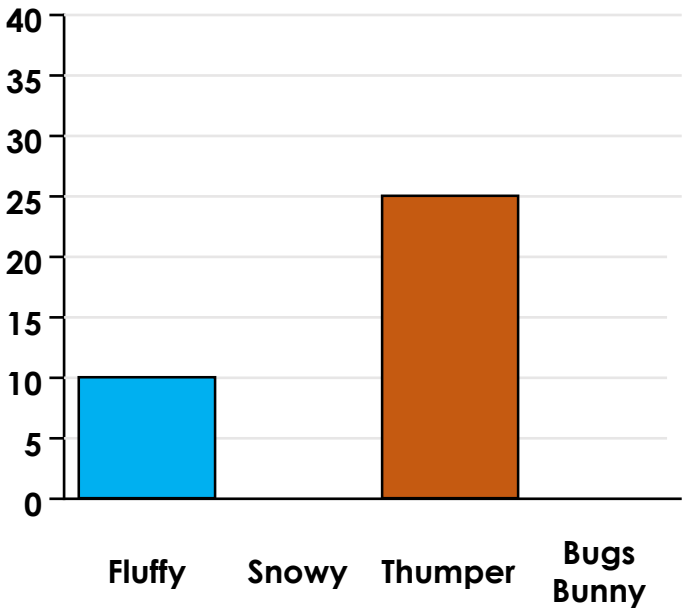
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Varied Fluency 1

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

Rabbits	Number of carrots eaten
Fluffy	
Snowy	🥕🥕
Thumper	
Bugs Bunny	🥕🥕🥕🥕

🥕 = 10 carrots



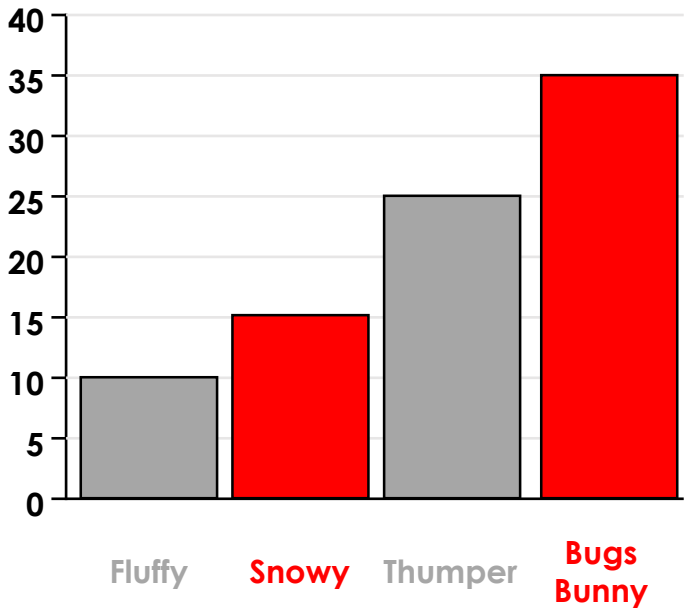
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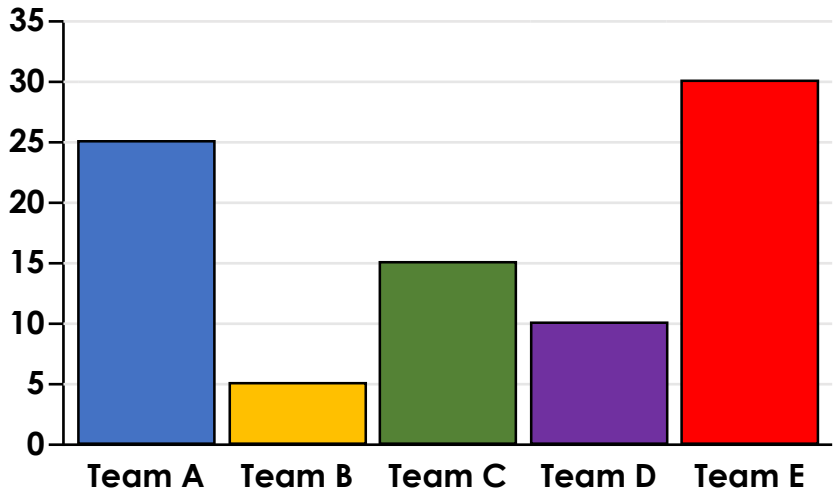
= 10 carrots



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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?

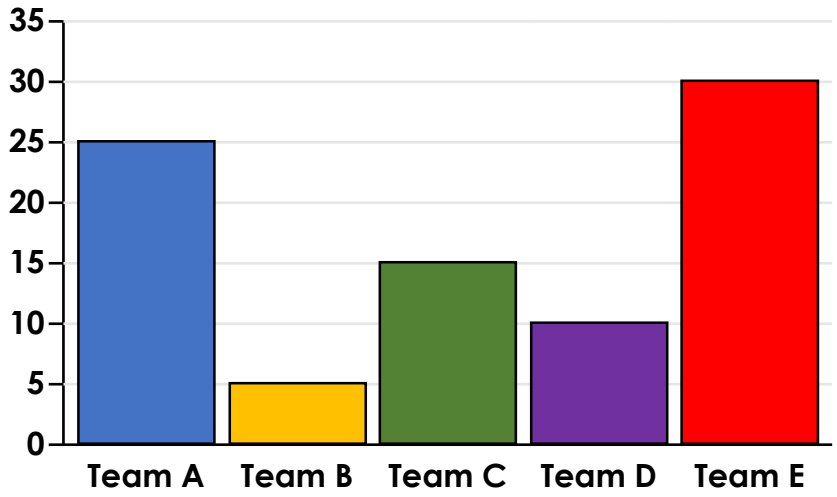
C. How many goals did Teams C and E score altogether?

D. How many goals were scored in total?

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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

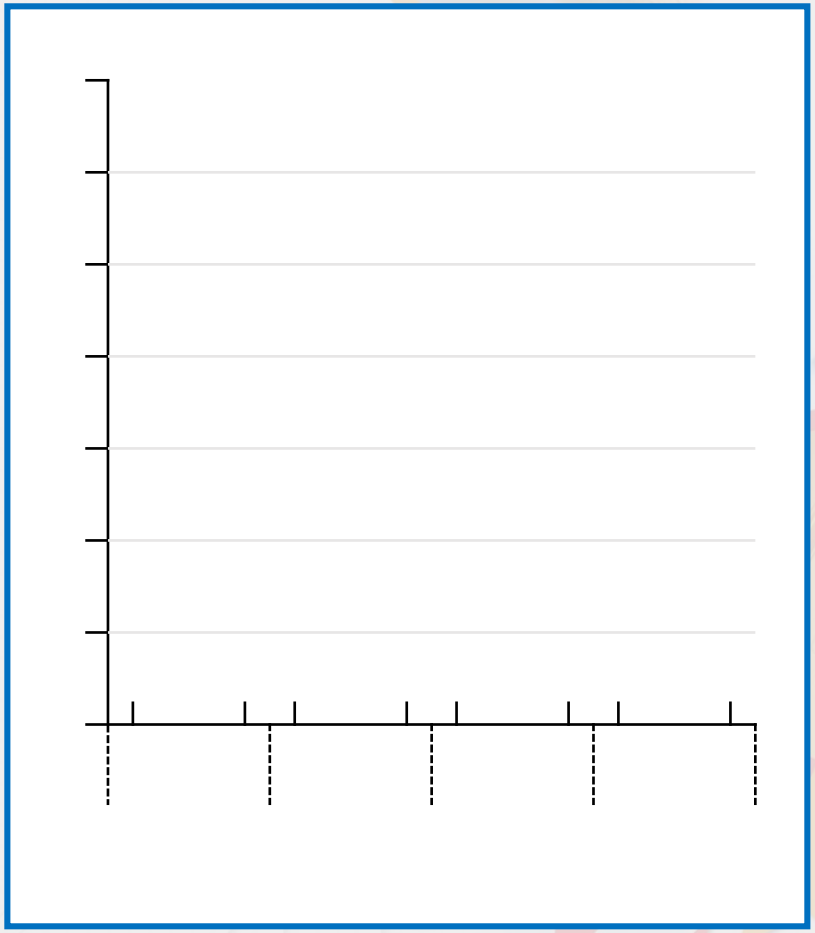
D. How many goals were scored in total?
85

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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	𝍸
Triceratops	𝍸 𝍸
Raptor	𝍸 𝍸
Diplodocus	𝍸 𝍸 𝍸

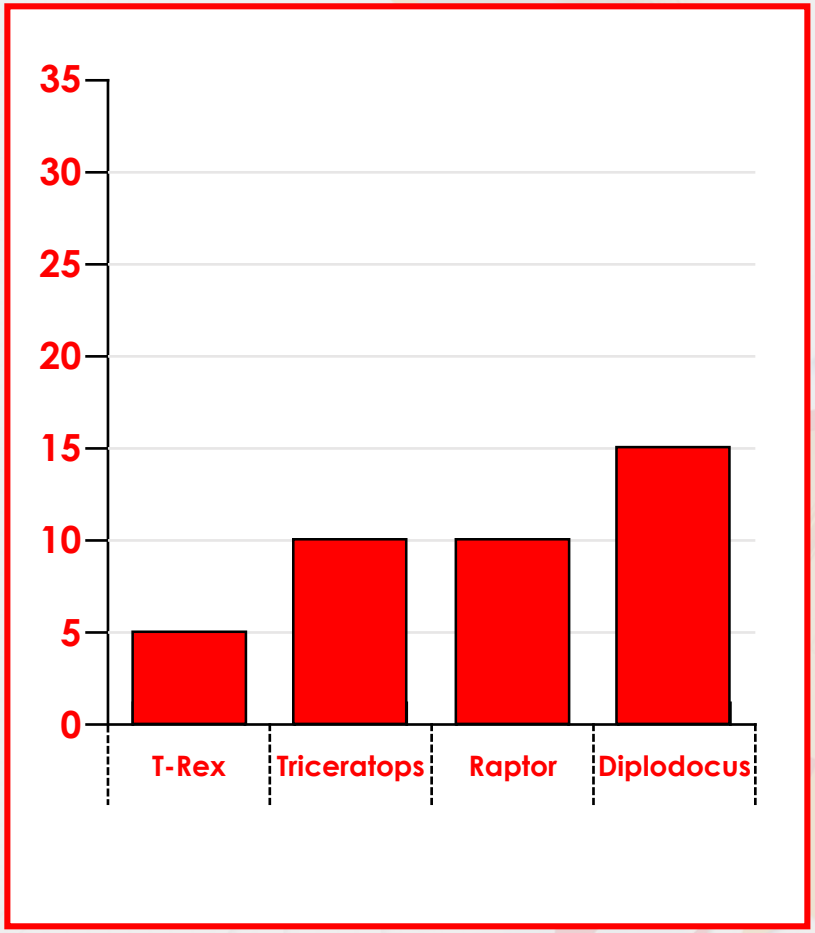


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Varied Fluency 3

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

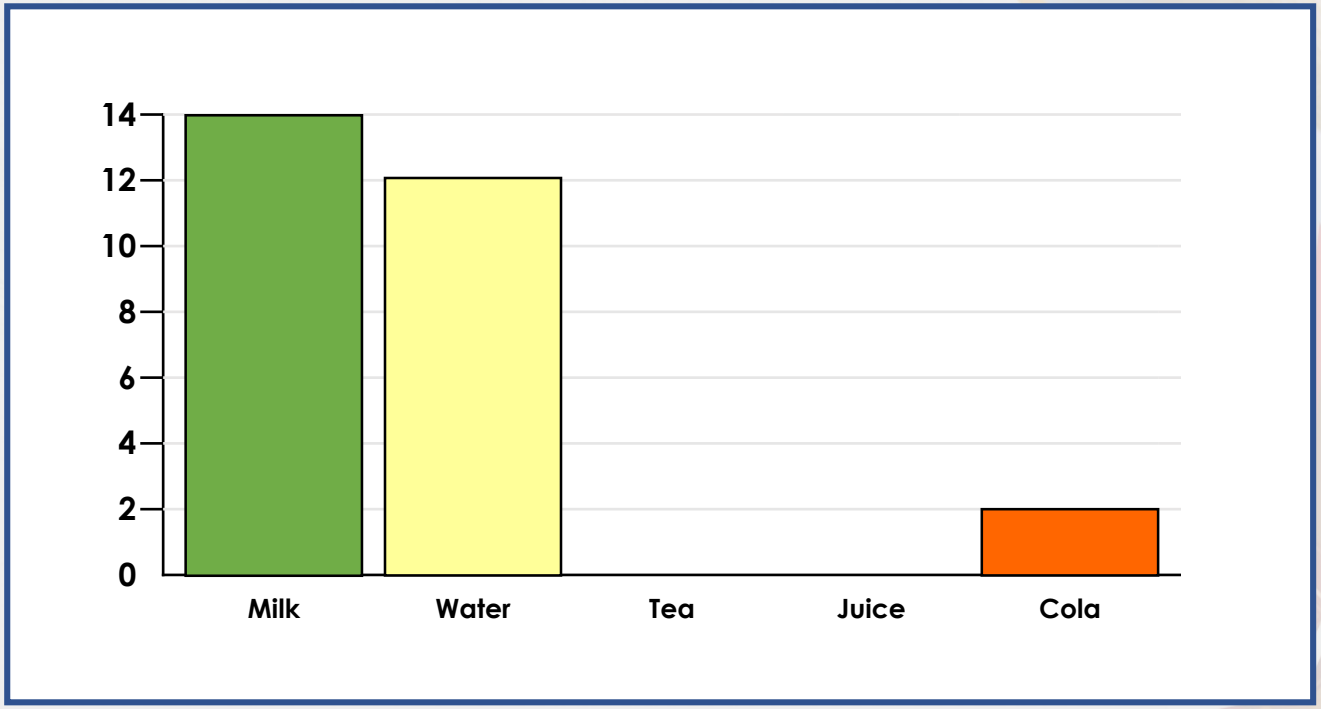
Favourite Dinosaur	Number of Children
T-Rex	𝍸
Triceratops	𝍸 𝍸
Raptor	𝍸 𝍸
Diplodocus	𝍸 𝍸 𝍸



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Problem Solving 1

The bar chart shows favourite drinks.

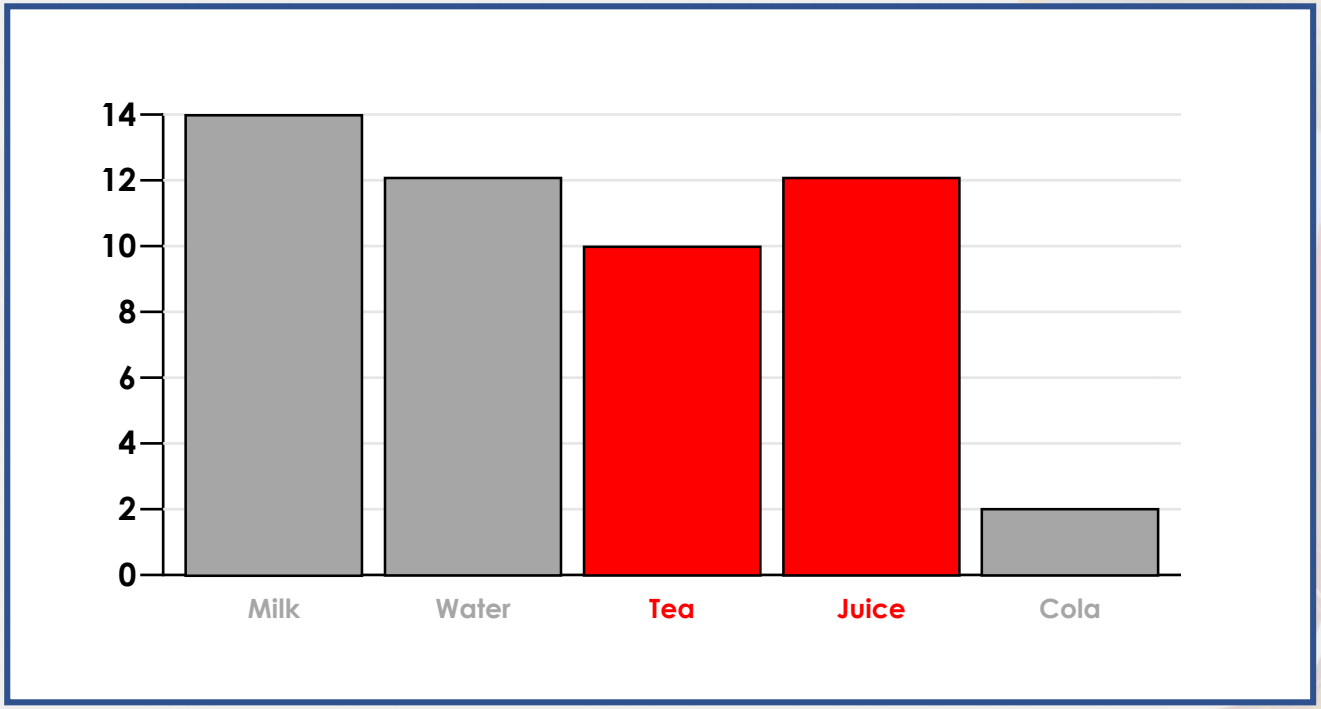


More children like juice than tea, but fewer like juice than milk. Complete the bar chart showing how many children could like tea and juice.

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Problem Solving 1

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.

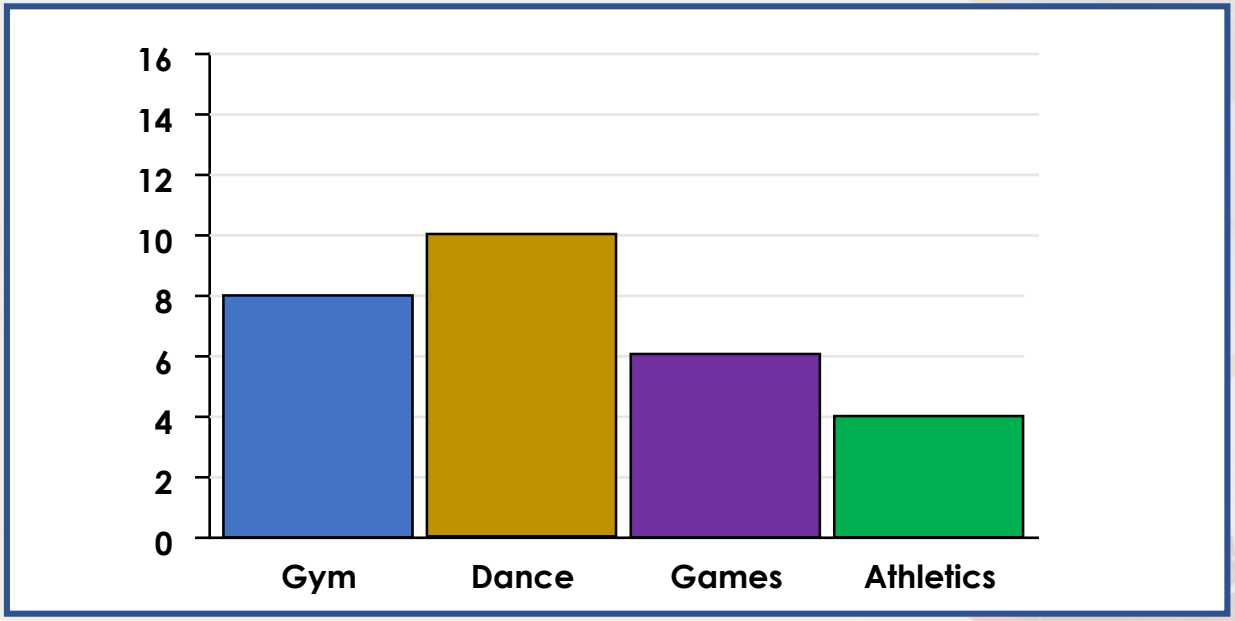
Various answers, for example:

10 children like tea and 12 children like juice.

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Reasoning 1

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



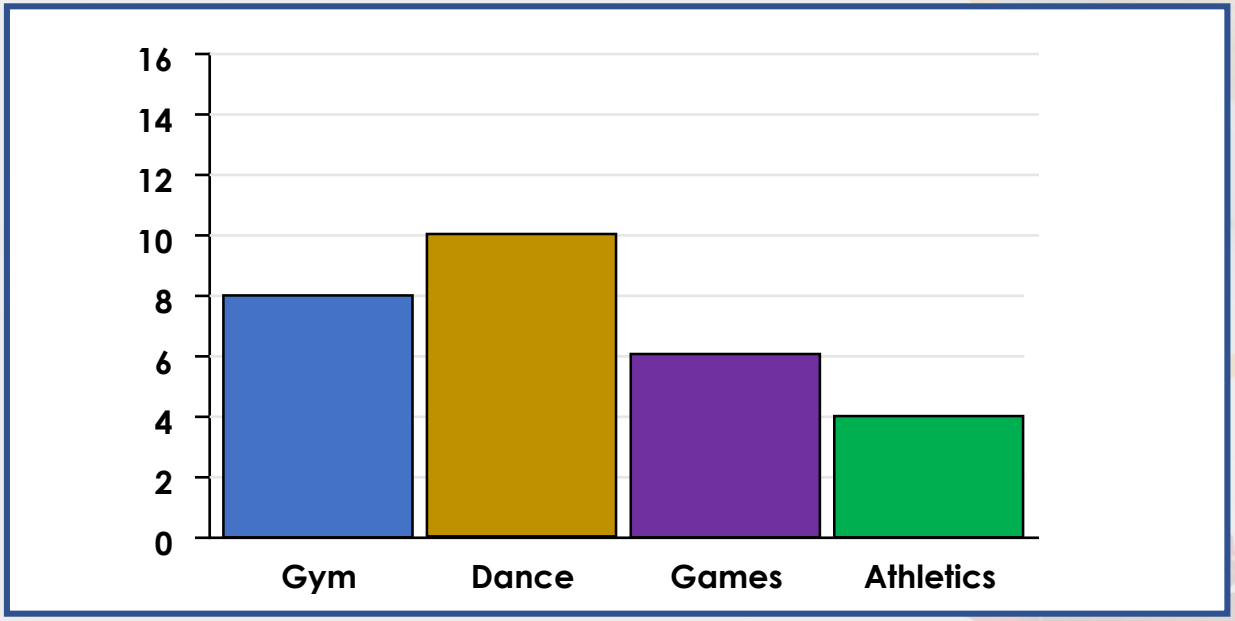


Is he correct? Explain your answer.

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Reasoning 1

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





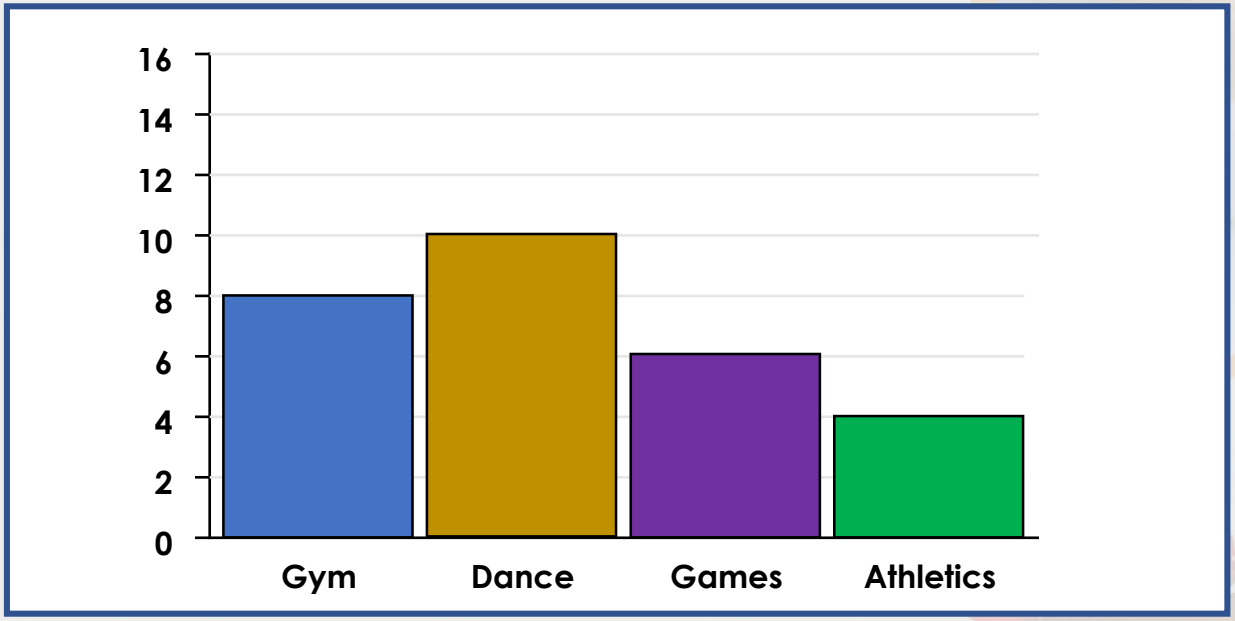
Is he correct? Explain your answer.

Ben is not correct because…

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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.

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Problem Solving 2

A class collects data about houses.

Detached	
Semi-detached	
Terraced	
Flat	

 = 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.

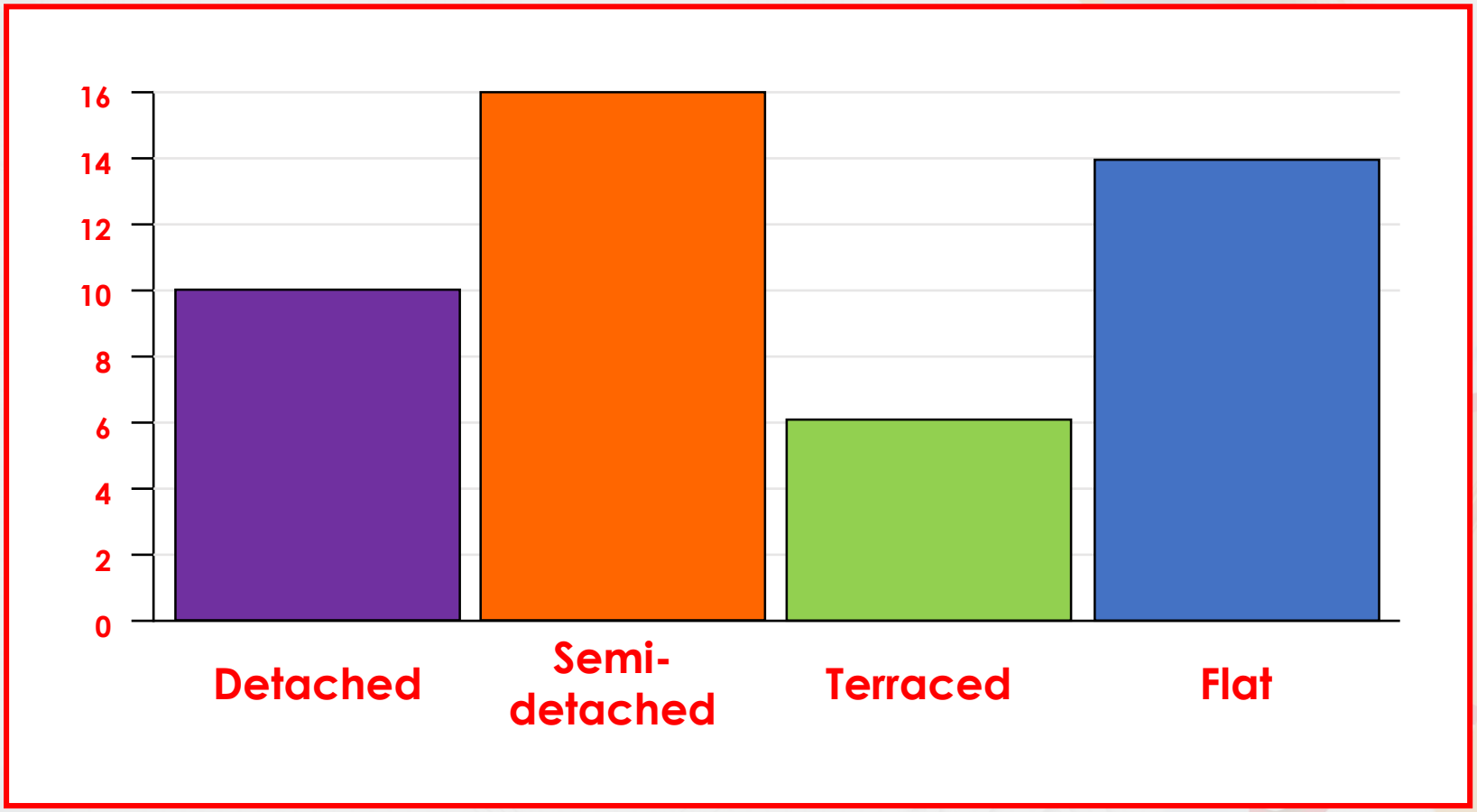


Draw a bar chart to display this information.
Choose a suitable scale.

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Problem Solving 2

An example of the bar chart is shown below.



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