

Dear Parents/Carers,  
This powerpoint takes the children through the learning sequence. If possible please talk through the slides with your child and check their understanding. The slides start at a basic level to re-cap previous learning.

# Consolidation of statistics

9.7.20

9.7.20

LO: I can create bar charts



# Starter

What does the data show?

Favourite colours	Number of children
Blue	7
Red	9
Green	4
Purple	11

# Starter - answer

What does the data show?

Favourite colours	Number of children
Blue	7
Red	9
Green	4
Purple	11

**Various possible answers, for example:  
The data shows children's favourite colours.  
8 children liked blue, 11 children liked red.**

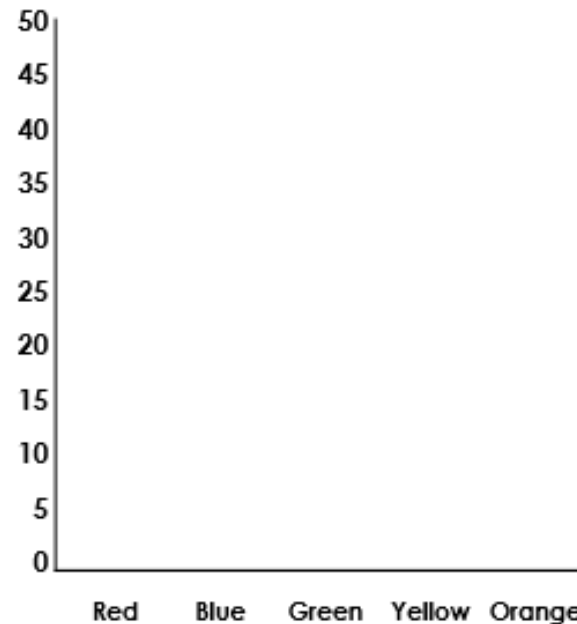
# Descriptive Teaching

Complete the bar chart for each house.

Key: ○ = 10 points

House Points

	House Points
Red House	● ●
Blue House	● ● ● ●
Green House	● ● ● ●
Yellow House	● ● ● ● ●
Orange House	● ● ● ●



Use the data from the pictogram to draw the bar chart in your book. If you are able to print, you may find it easier using the squared paper on our home learning.

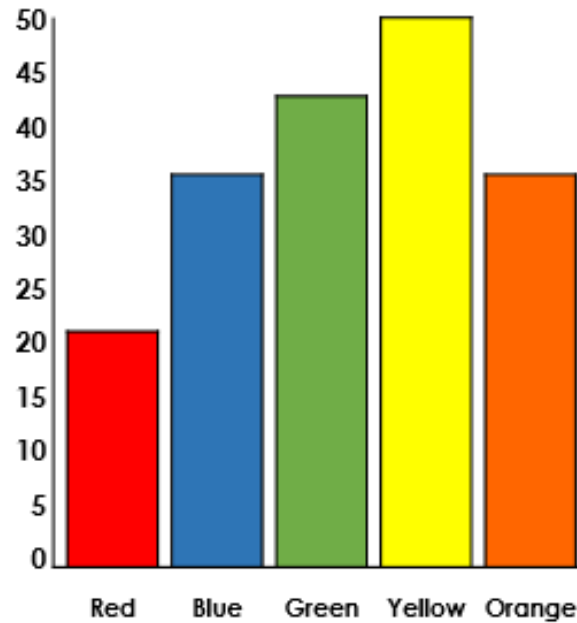
# Descriptive Teaching - Answer

Complete the bar chart for each house.

Key: ○ = 10 points

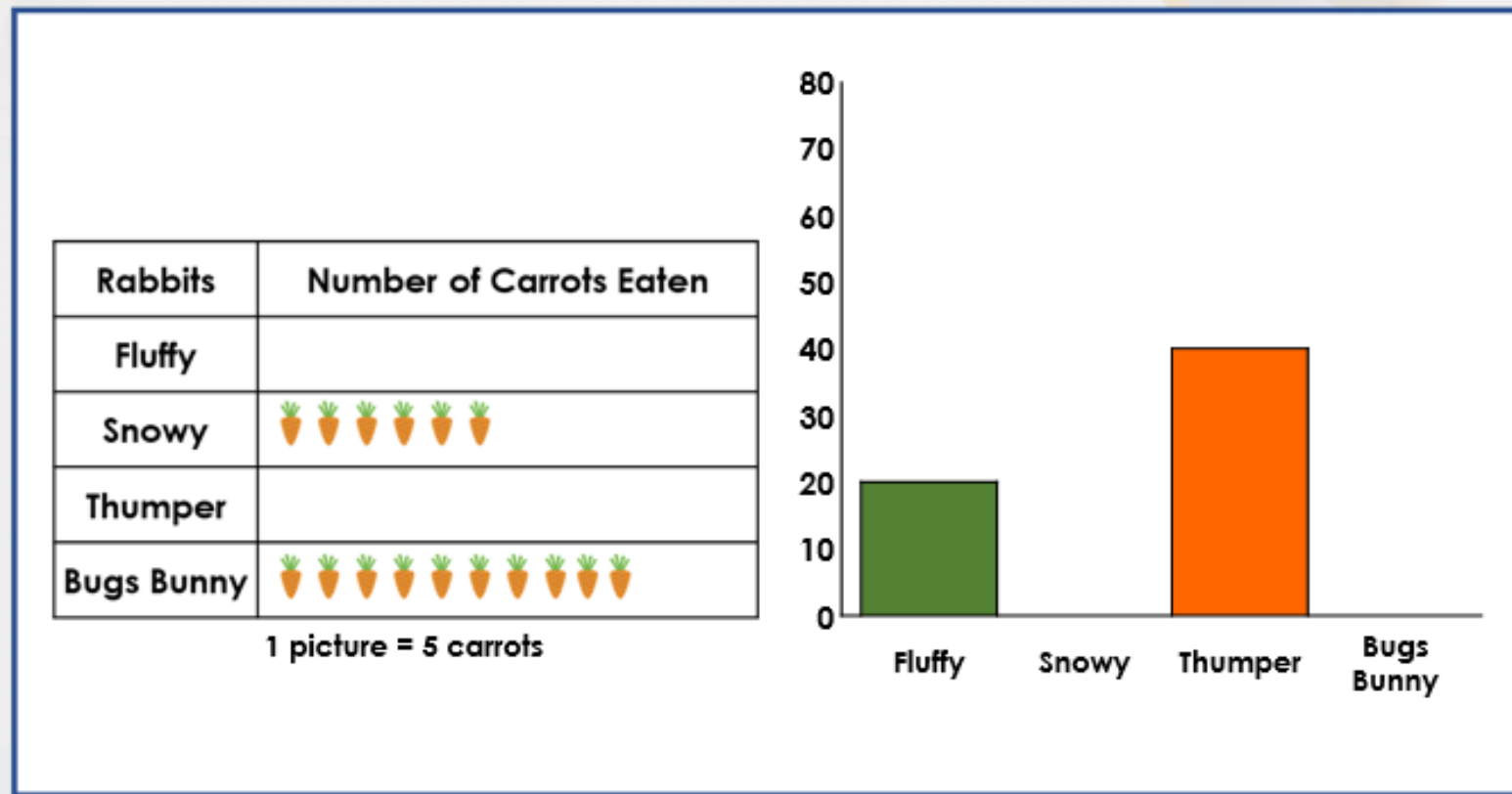
House Points

	House Points
Red House	● ●
Blue House	● ● ● ●
Green House	● ● ● ●
Yellow House	● ● ● ● ●
Orange House	● ● ● ●



# Descriptive Doing

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

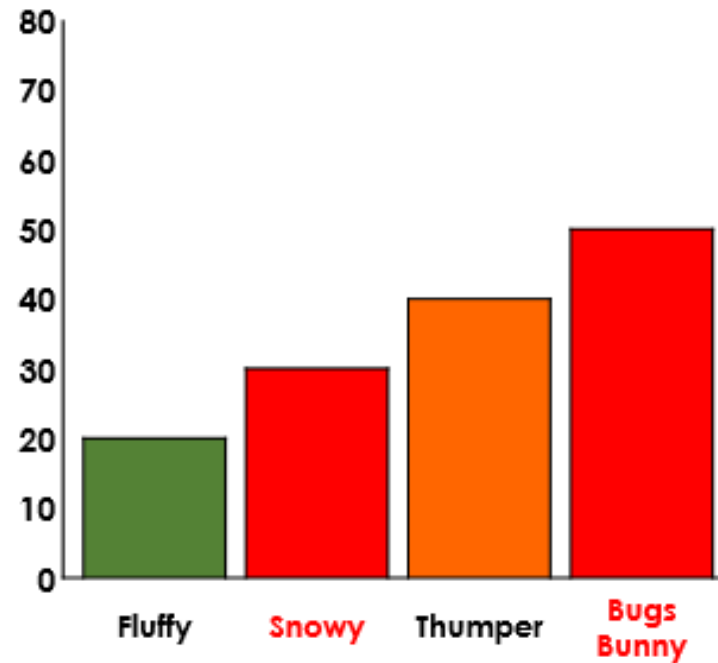


# Descriptive Doing - Answer

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

Rabbits	Number of Carrots Eaten
Fluffy	
Snowy	
Thumper	
Bugs Bunny	

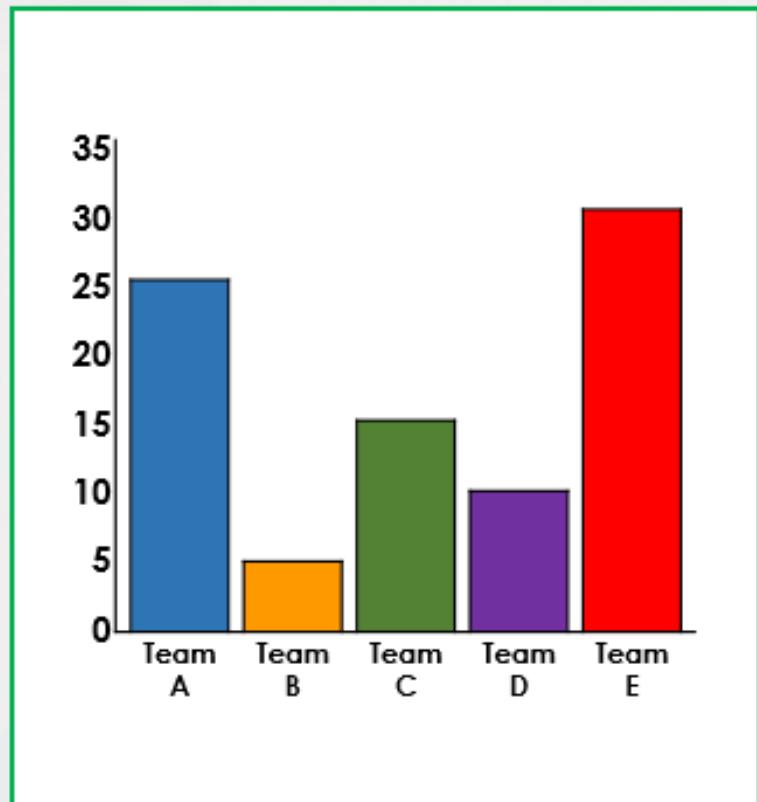
1 picture = 5 carrots





# Reflective Teaching

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



A. Which team scored the most goals?

B. How many more goals did Team A score than Team D?

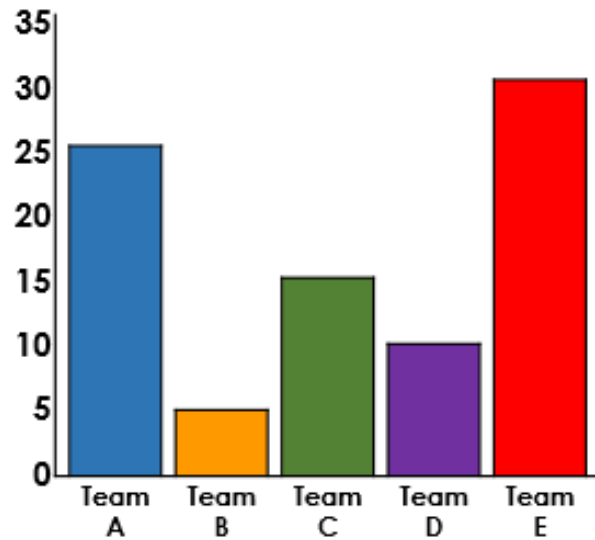
C. How many goals did Teams C and E score altogether?

D. How many goals were scored in total?

Answer questions  
in your book.

# Reflective Teaching - Answers

Use this bar chart to answer the questions about 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?

**A. Team E**

**B. 15**

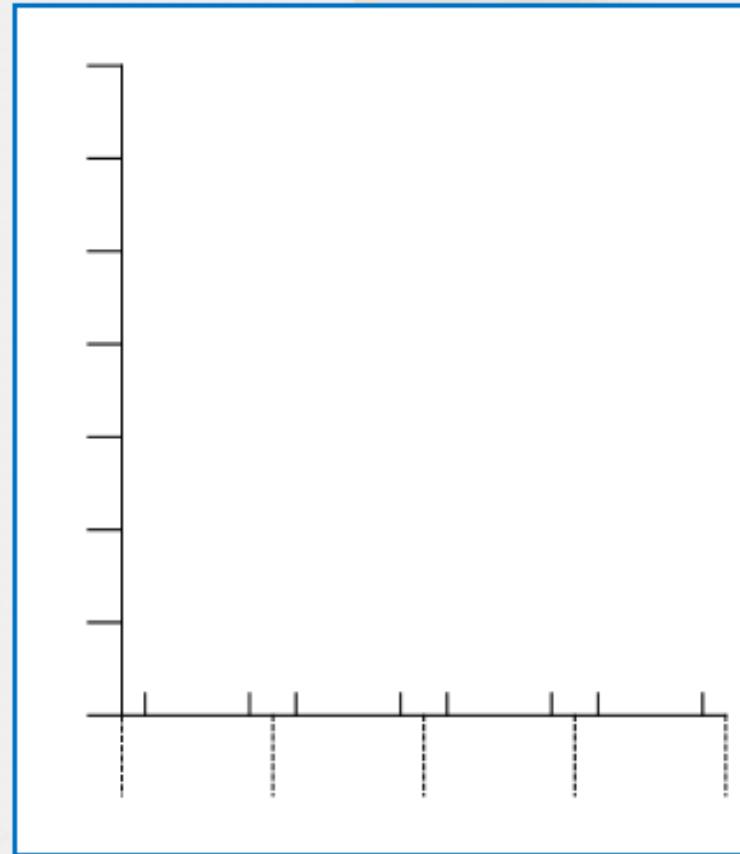
**C. 45**

**D. 85**

# Reflective Doing

Create a bar chart using this tally chart.  
Write on the correct scale and labels.

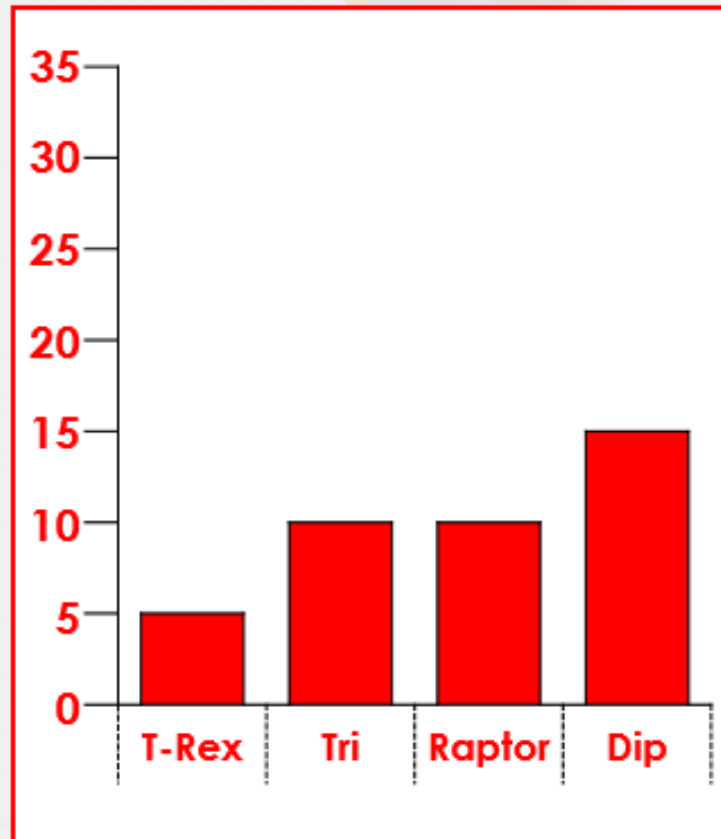
Favourite Dinosaur	Number of Children
T-Rex	
Triceratops	
Raptor	
Diplodocus	



# Reflective Doing - Answers

Create a bar chart using this tally chart.  
Write on the correct scale and labels.

Favourite Dinosaur	Number of Children
T-Rex	
Triceratops	
Raptor	
Diplodocus	

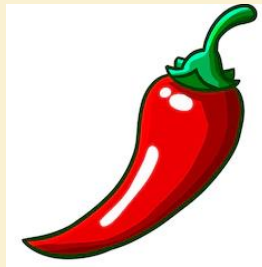


# Independent work



The following slides are questions for you to work through independently.

There are 3 sets of work - 1 chili (the easiest), 2 chilies, 3 chilies (the hardest). Choose one set you feel most comfortable with.

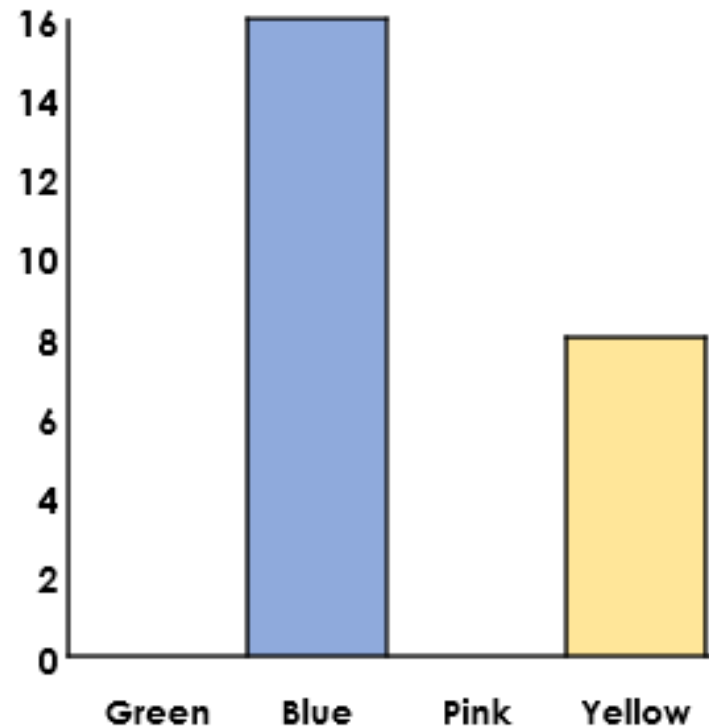
# Independent work



1a. Use the information to complete the pictogram and the bar chart.

Colour	Number of Children
Green	
Blue	
Pink	
Yellow	

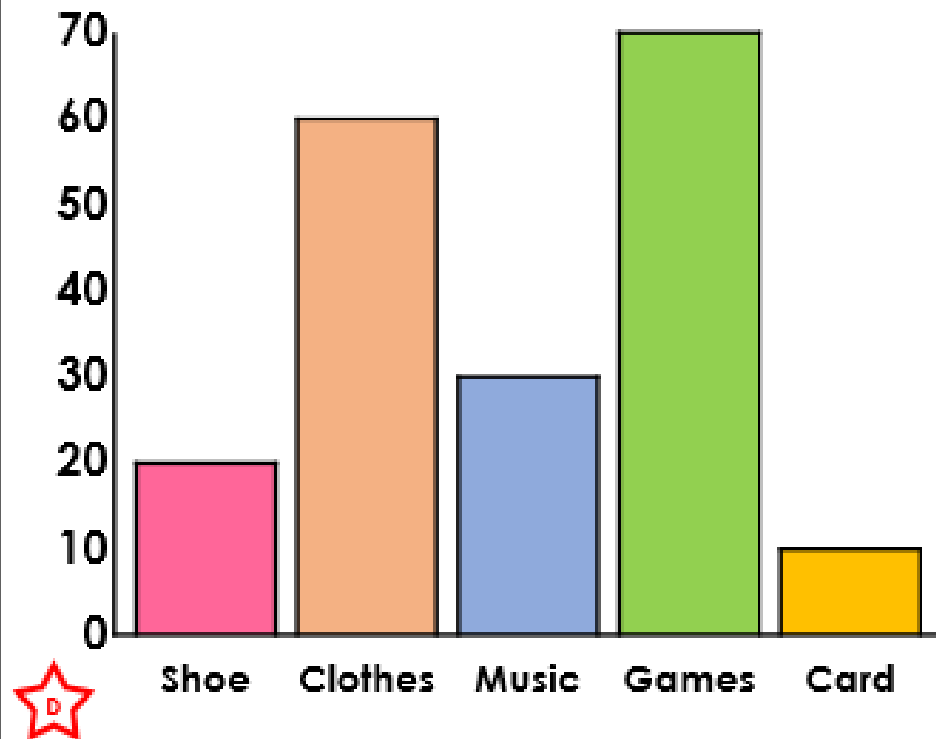
1 circle = 2 children



# Independent work



2a. Use this bar chart to answer the questions about favourite shops.



A. Which shop is most popular?

B. How many more children like clothes shops than card shops?

C. How many children like shoe shops?

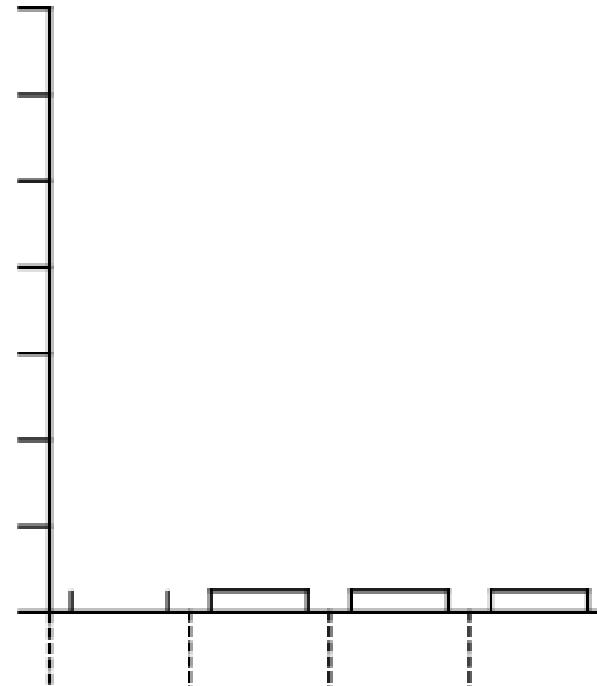
D. How many children were asked in total?

# Independent work



3a. Create a bar chart using this tally chart.  
Write on the correct scale and labels.

Favourite Dessert	Number of Children
Fruit	
Ice-cream	
Cake	
Yoghurt	





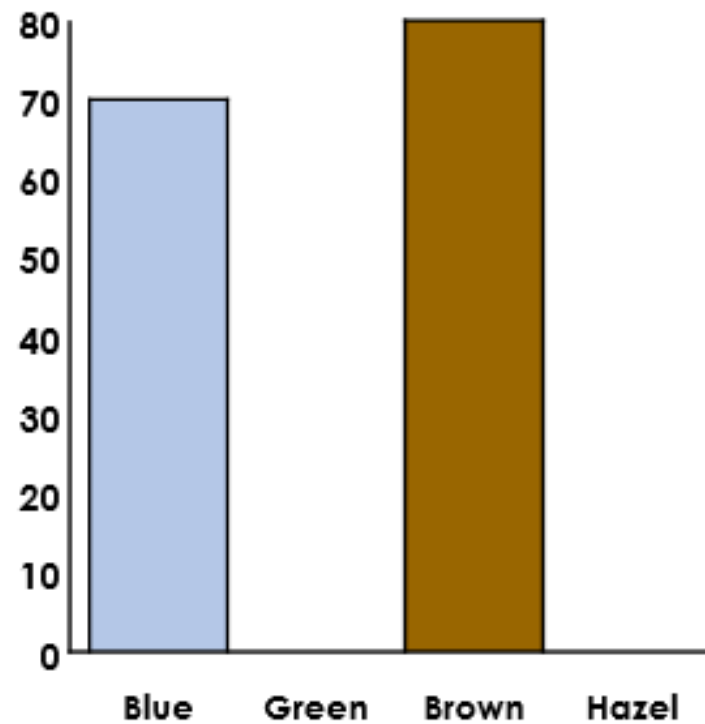
# Independent work



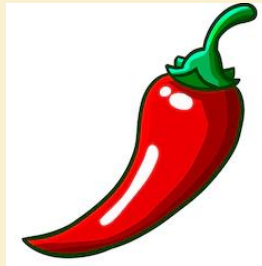
1b. Use the information to complete the pictogram and the bar chart.

Eye Colour	Number of Children
Blue	
Green	●
Brown	
Hazel	● ● ● ●

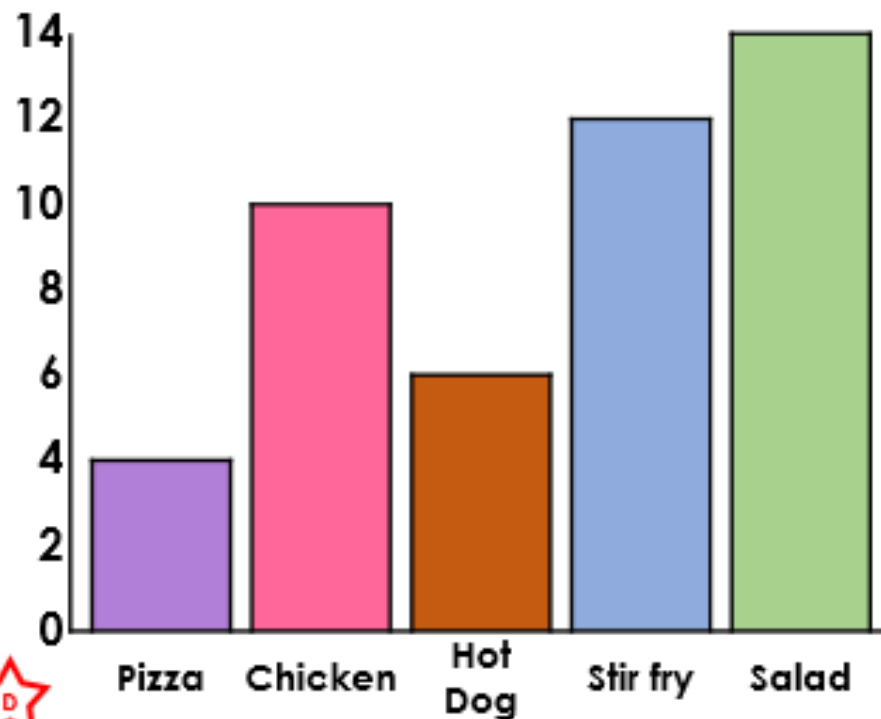
1 circle = 10 children



# Independent work



2b. Use this bar chart to answer the questions about the favourite school dinner.



A. Which dinner is least popular?

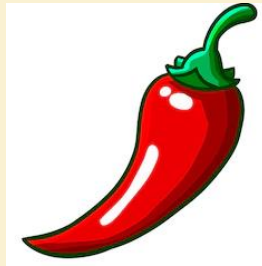
B. How many more children like salad than hot dogs?

C. How many children like chicken?

D. How many children were asked in total?

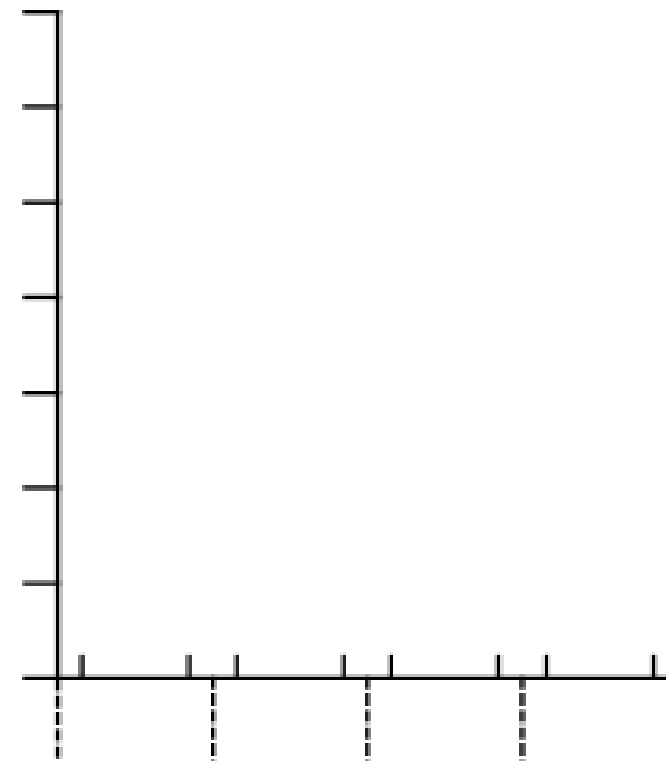


# Independent work

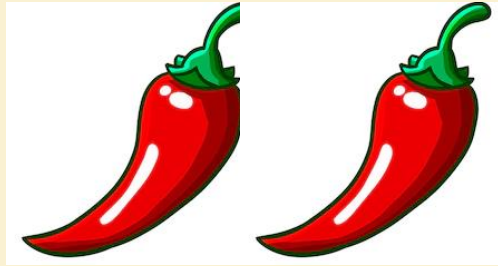


3b. Create a bar chart using this tally chart.  
Write on the correct scale and labels.


Apples Sold	Number of Apples
Monday	
Tuesday	
Wednesday	
Thursday	



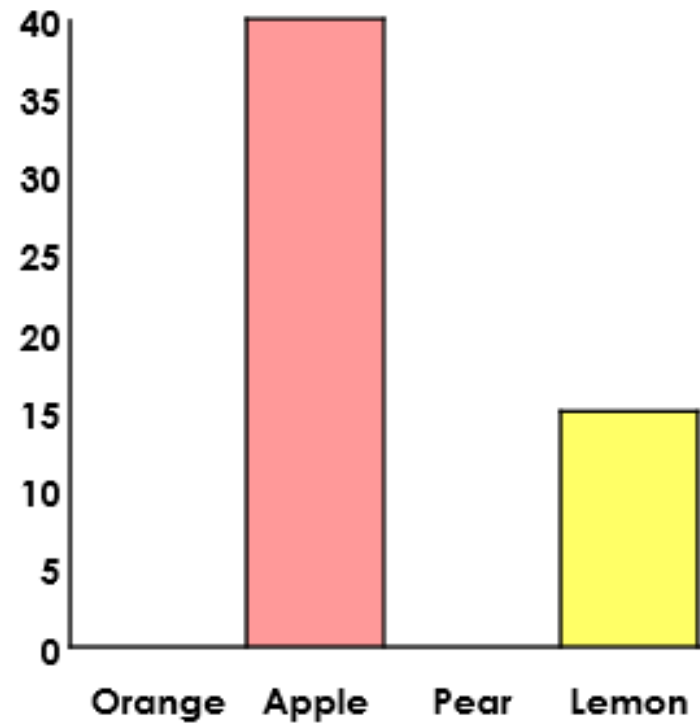
# Independent work



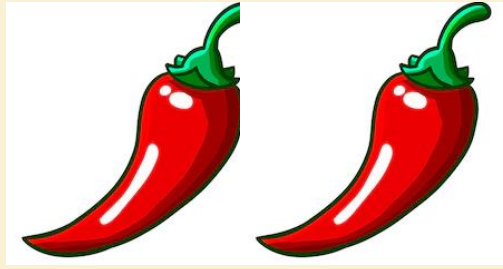
4a. Use the information to complete the pictogram and the bar chart.

Fruit	Number of Children
Orange	
Apple	
Pear	
Lemon	

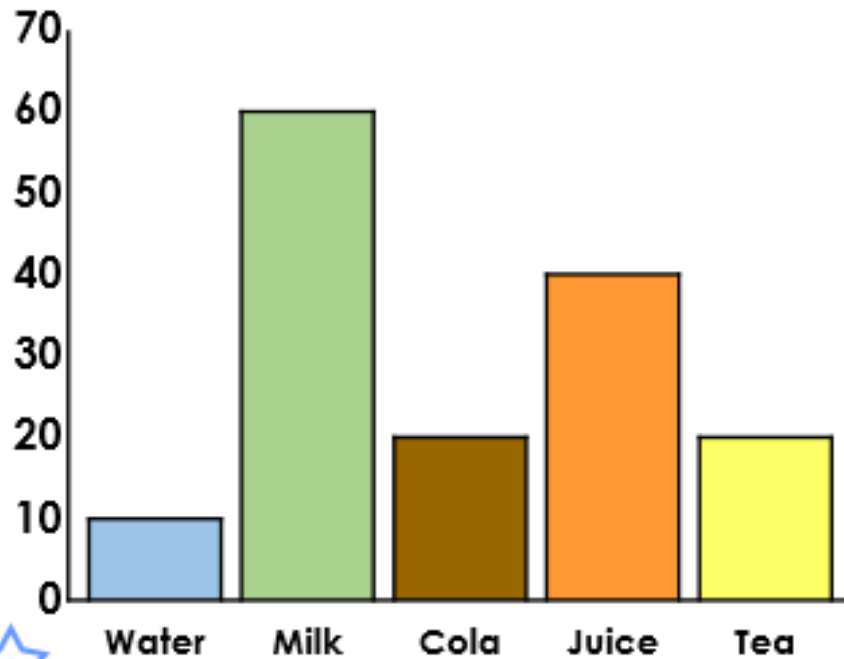
1 piece of fruit = 10 children



# Independent work



5a. Use this bar chart to answer the questions about favourite drinks.



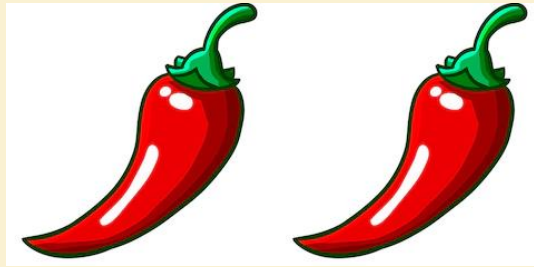
A. How many children like cola?

B. How many more children like milk than juice?

C. How many children liked water and tea altogether?

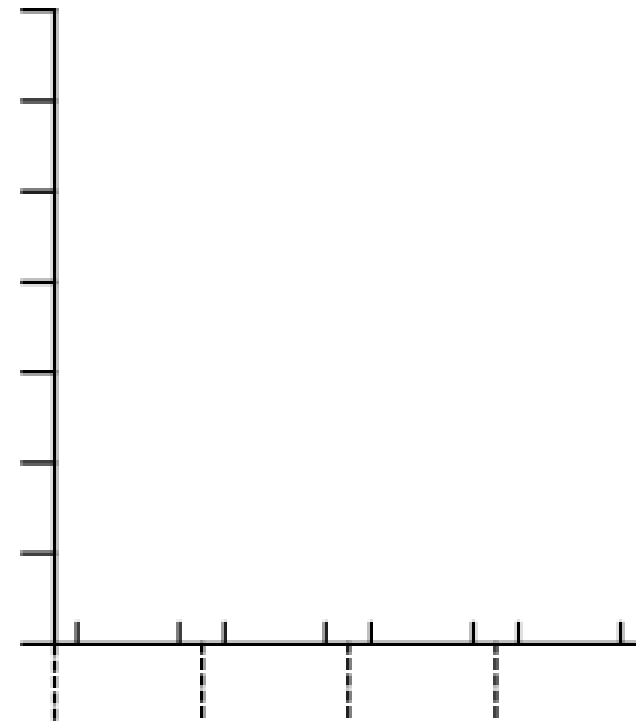
D. How many children were asked in total?

# Independent work

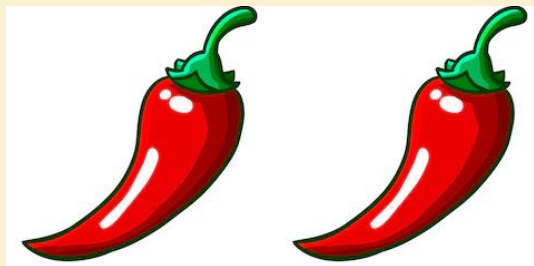


6a. Create a bar chart using this tally chart.  
Write on the correct scale and labels.



Favourite Sports	Number of Children
Swimming	
Football	
Rugby	
Golf	



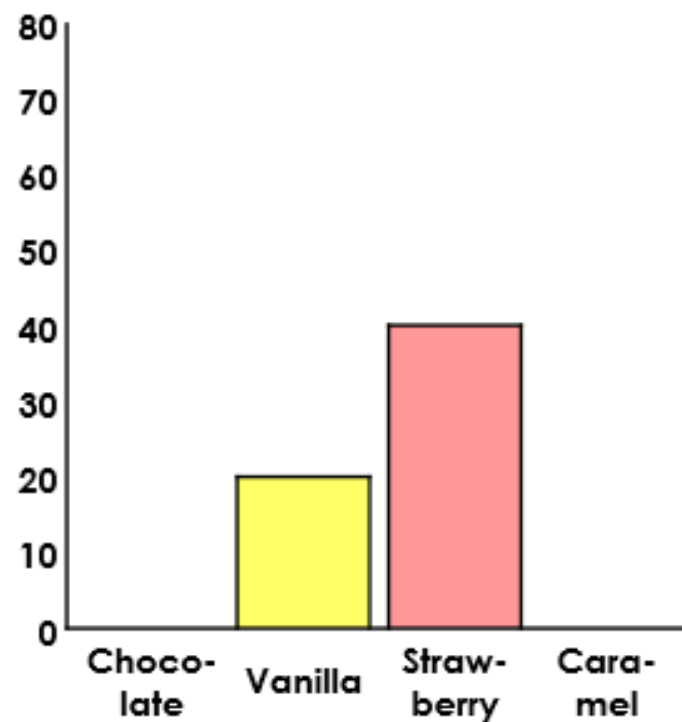
# Independent work



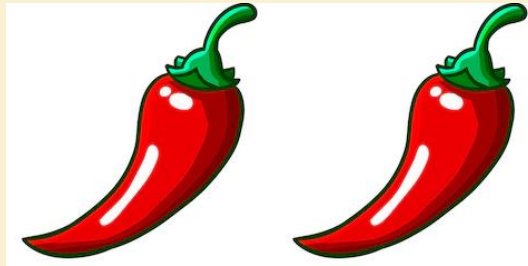
4b. Use the information to complete the pictogram and the bar chart.

Ice-cream	Number of Children
Chocolate	
Vanilla	
Strawberry	
Caramel	

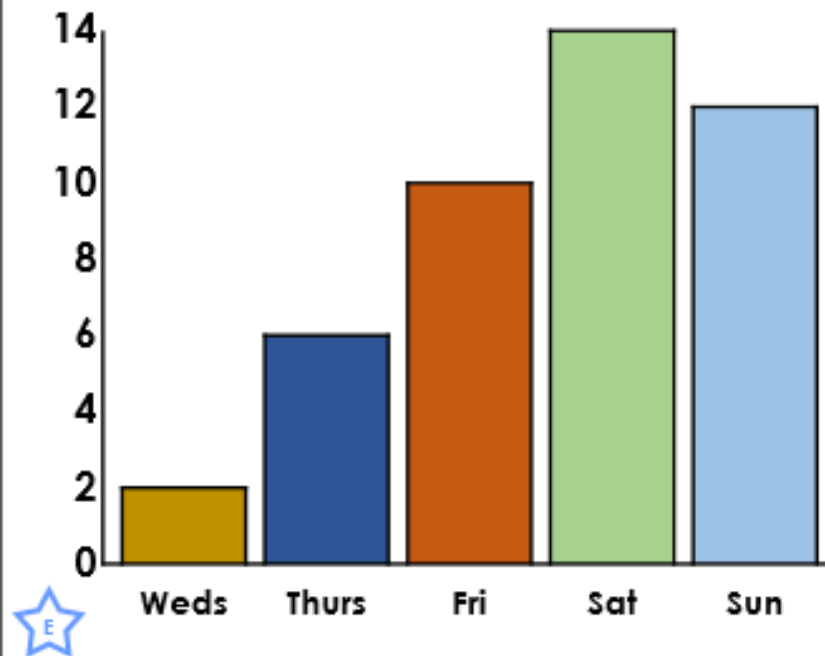
1 circle = 5 children



# Independent work



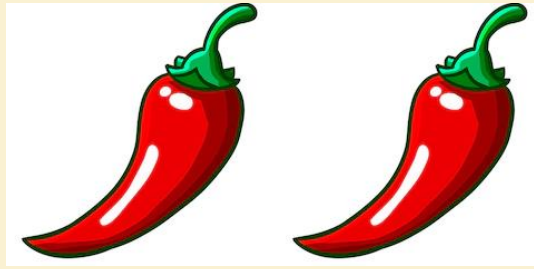
5b. Use this bar chart to answer the questions about the number of diners in a restaurant.



- A. How many diners were there on Thursday?
- B. How many fewer diners were there on Wednesday compared to Sunday?
- C. How many diners were there at the weekend?
- D. How many diners were there in total?

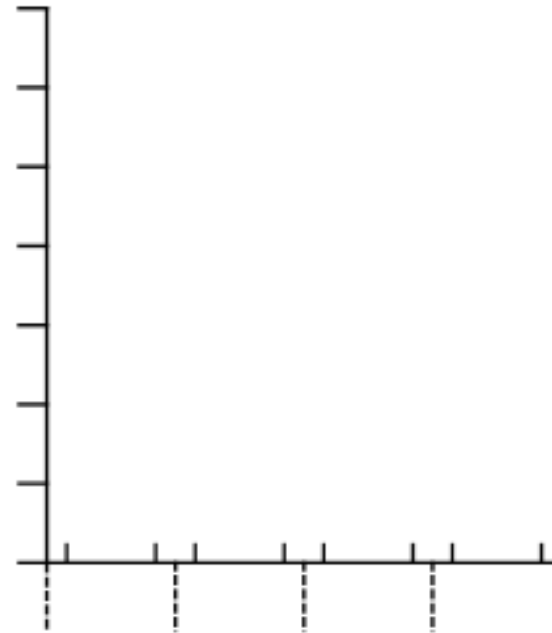


# Independent work



6b. Create a bar chart using this tally chart.  
Write on the correct scale and labels.

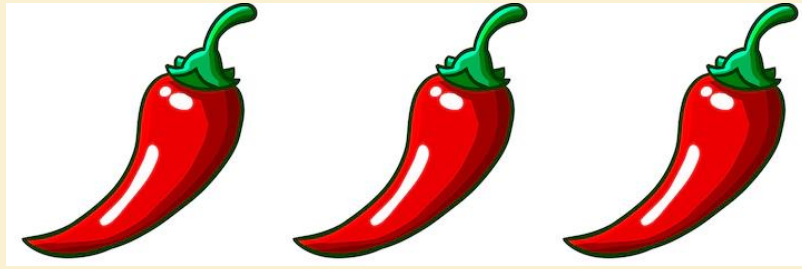
Favourite TV Shows	Number of Children
Drama	
Comedy	
Cartoons	
News	





3 VF



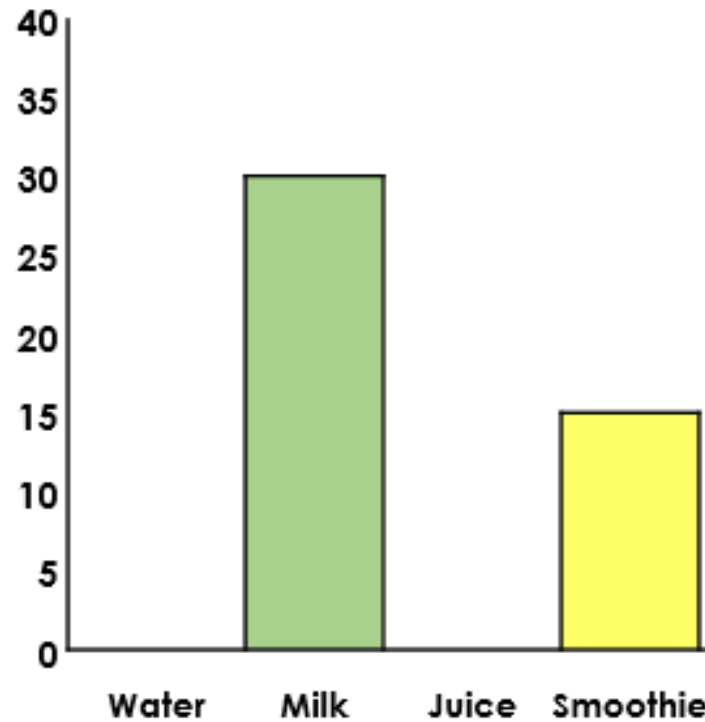
# Independent work



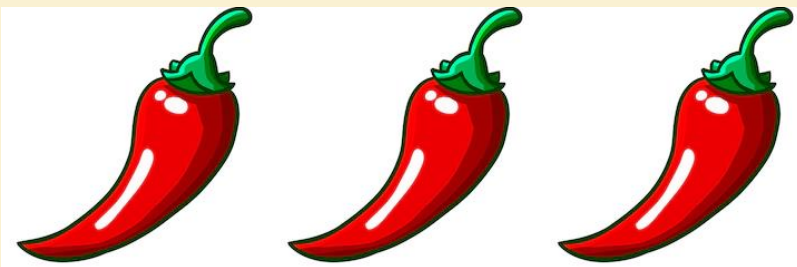
7a. Use the information to complete the pictogram and the bar chart.

Drinks Sold	Number of Drinks
Water	
Milk	
Juice	
Smoothie	

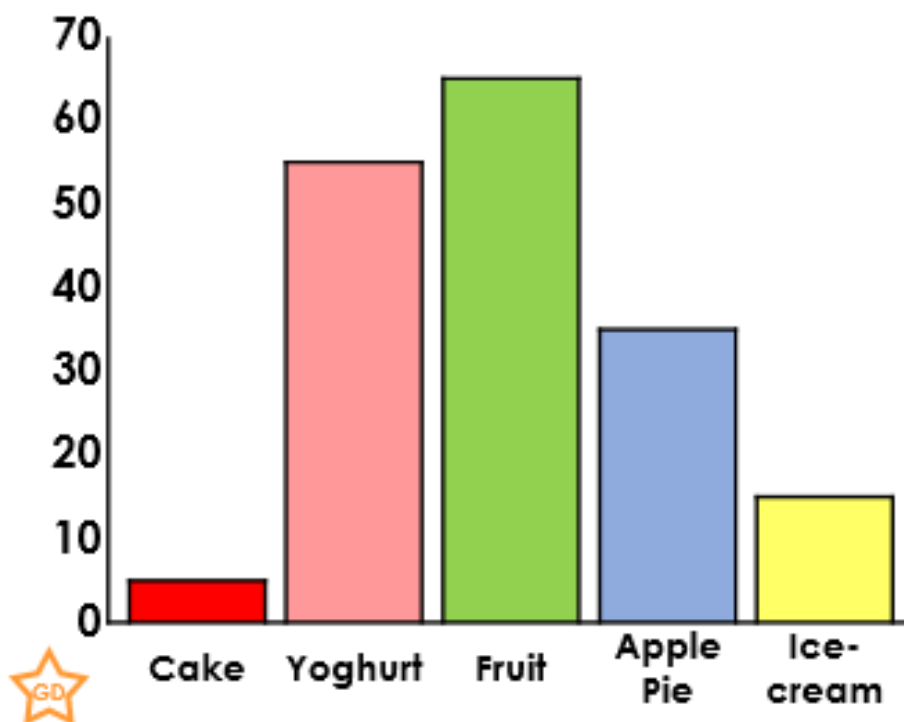
1 circle = 3 drinks



# Independent work



8a. Use this bar chart to answer the questions about desserts sold in a cafe.



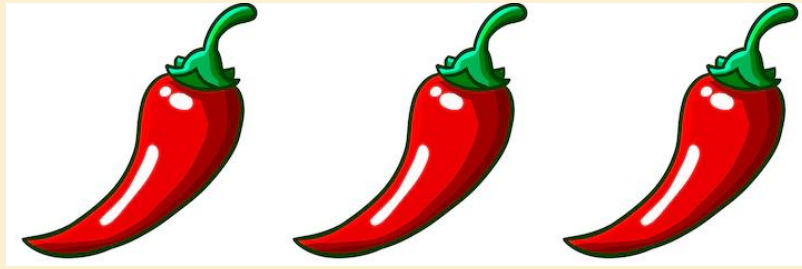
A. How many portions of apple pie were sold?

B. How many fewer portions of ice-cream were sold than fruit?

C. Which dessert was least popular?

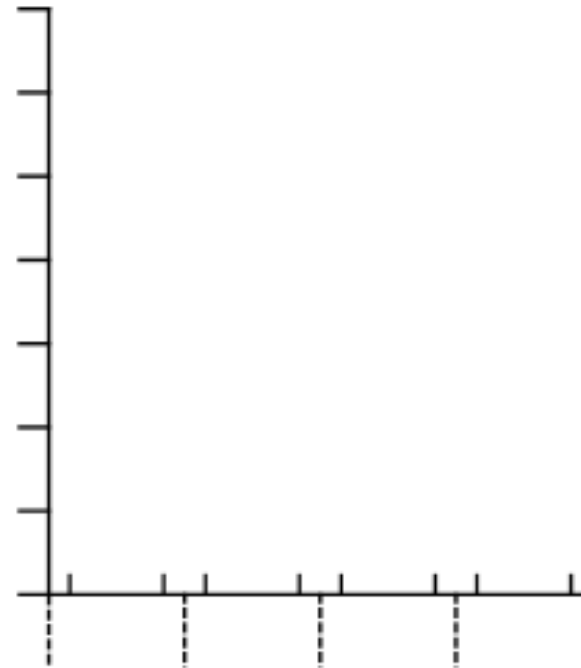
D. How many portions of dessert were sold in total?

# Independent work

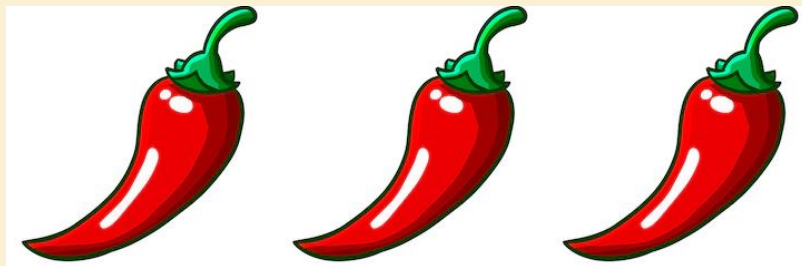


9a. Create a bar chart using this tally chart.  
Write on the correct scale and labels.



Pizzas	Number of Pizzas Sold
Cheese	
Veggie	
Pepperoni	
Tuna	



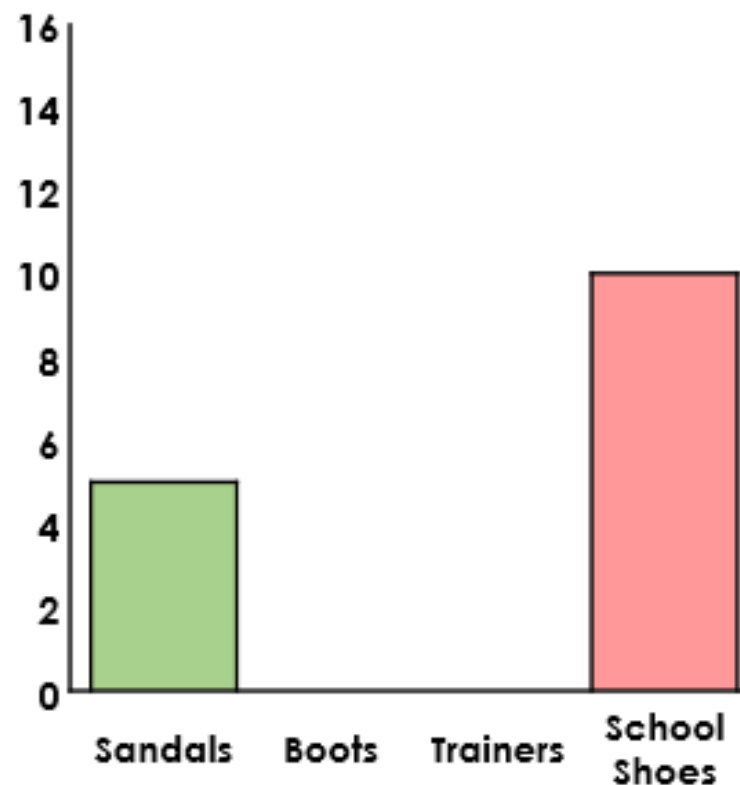
# Independent work



7b. Use the information to complete the pictogram and the bar chart.

Shoes	Number of Pairs of Shoes Sold
Sandals	
Boots	
Trainers	
School Shoes	

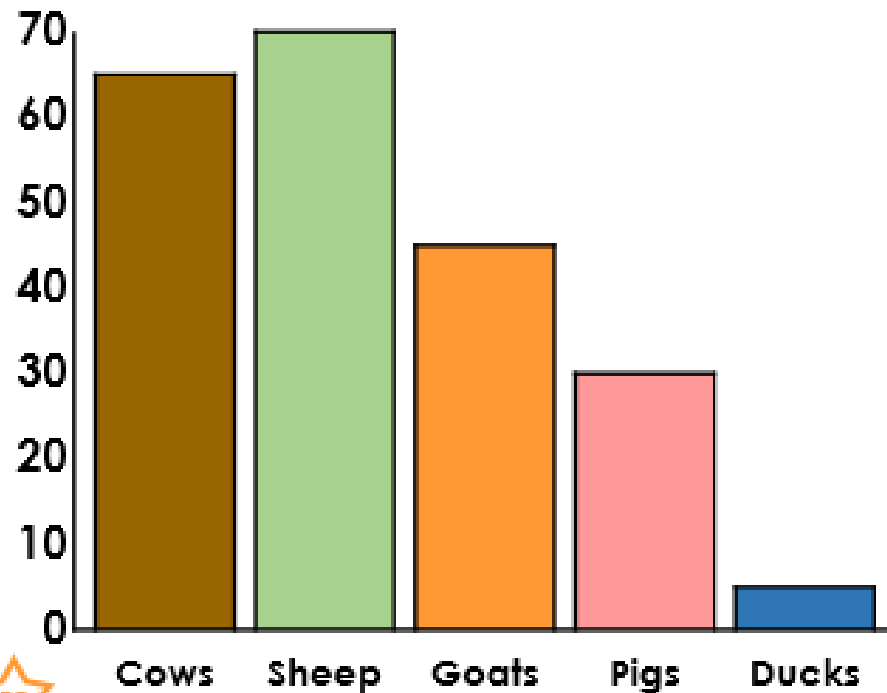
1 circle = 5 children



# Independent work



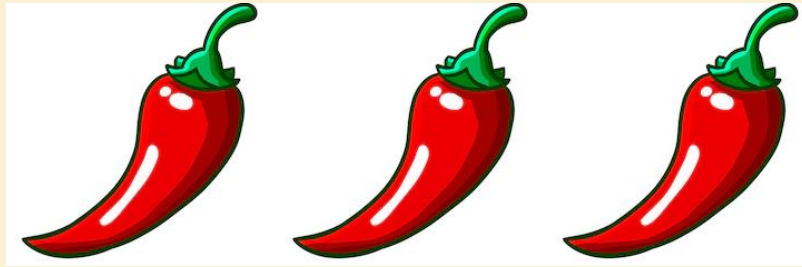
8b. Use this bar chart to answer the questions about the number of animals on a farm.



- A. How many goats are there?
- B. How many fewer ducks are there than pigs?
- C. How many four-legged animals are there?
- D. How many animals are there in total?

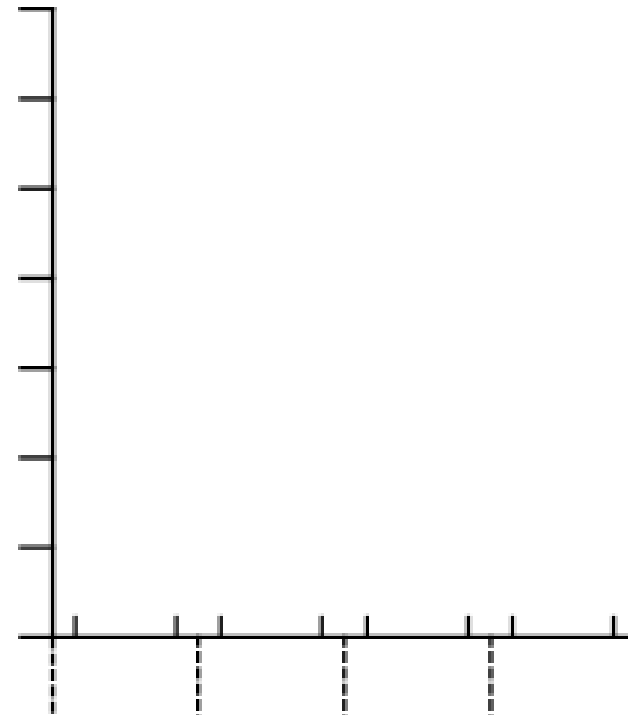


# Independent work



9b. Create a bar chart using this tally chart.  
Write on the correct scale and labels.

Teams	Number of Points Scored
Green	
Blue	
Red	
Purple	



# Answers

## Developing

1a. 8 blue circles and 4 yellow circles on pictogram, green to 16 and pink to 10 on bar chart.

2a. A. Games, B. 50, C. 20, D. 190

3a. An accurate, complete bar chart with appropriate scale and labels.

## Expected

4a. 4 apples and 1.5 lemons on pictogram, oranges to 25 and pears to 20 on bar chart.

5a. A. 20, B. 20, C. 30, D. 150

6a. An accurate, complete bar chart with appropriate scale and labels.

## Greater Depth

7a. 10 milk circles and 5 smoothie circles on pictogram, water to 24 and juice to 9 on bar chart.

8a. A. 35, B. 50, C. Cake, D. 175

9a. An accurate, complete bar chart with appropriate scale and labels.

## Developing

1b. 7 blue circles and 8 brown circles on pictogram, green to 10 and hazel to 40 on bar chart.

2b. A. Pizza, B. 8, C. 10, D. 46

3b. An accurate, complete bar chart with appropriate scale and labels.

## Expected

4b. 4 vanilla circles and 8 strawberry circles on pictogram, chocolate to 20 and caramel to 10 on bar chart.

5b. A. 6, B. 10, C. 26, D. 44

6b. An accurate, complete bar chart with appropriate scale and labels.

## Greater Depth

7b. 1 sandals circle and 2 school shoes circles on pictogram, boots to 15 and trainers to 15 on bar chart.

8b. A. 45, B. 25, C. 210, D. 215

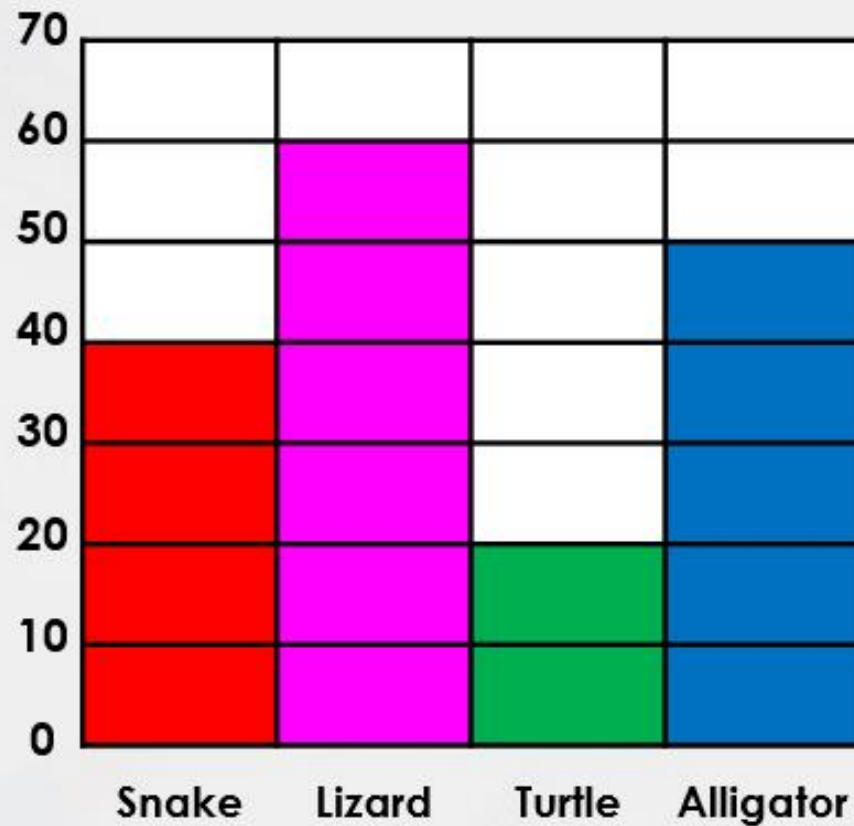
9b. An accurate, complete bar chart with appropriate scale and labels.



# Reflection Time



Use the sentence stems to create three questions about the data.

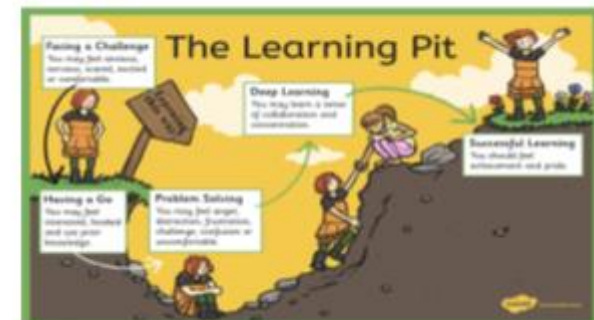


a) How many...

b) Altogether, how many...

c) How many more...

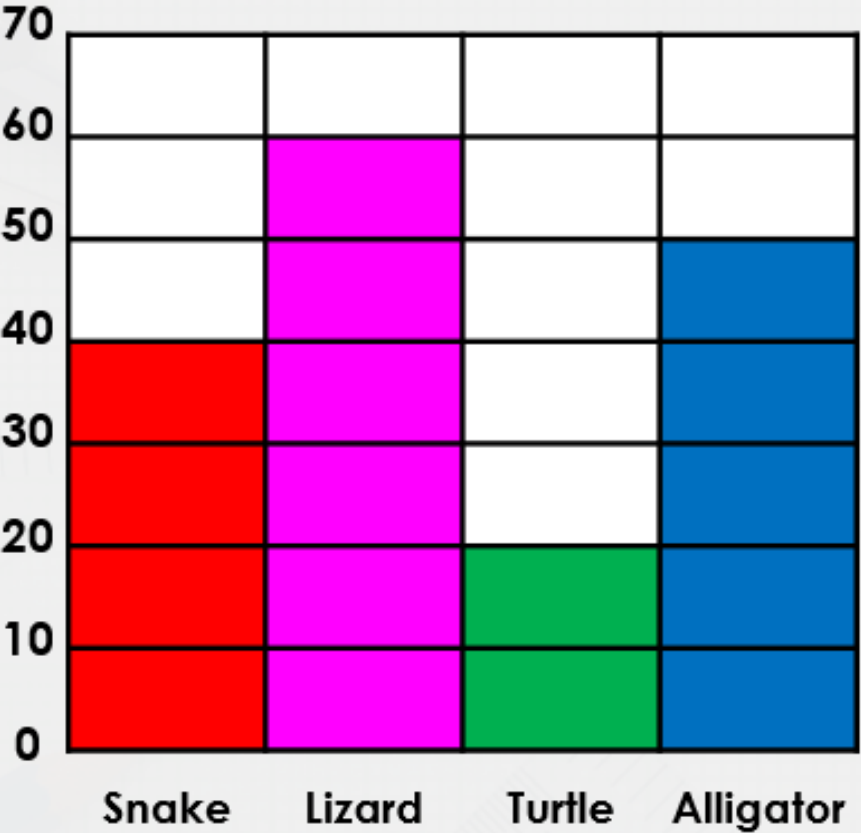
Take time  
to reflect



# Reflection Time - Answers



Use the sentence stems to create three questions about the data.



Various possible answers, including:

- a) How many snakes are there? 40
- b) Altogether, how many snakes and lizards are there? 100
- c) How many more alligators than turtles are there? 30

Take time to reflect

