

Diving into Mastery



Pictograms

twinkl

Diving into Mastery Guidance for Educators

Each activity sheet is split into three sections, diving, deeper and deepest, which are represented by the following icons:



Diving



Deeper



Deepest

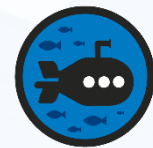
These carefully designed activities take your children through a learning journey, initially ensuring they are fluent with the key concept being taught; then applying this to a range of reasoning and problem-solving activities.

These sheets might not necessarily be used in a linear way. Some children might begin at the 'Deeper' section and in fact, others may 'dive straight in' to the 'Deepest' section if they have already mastered the skill and are applying this to show their depth of understanding.

Aim

- Interpret and present data using bar charts, pictograms and tables.



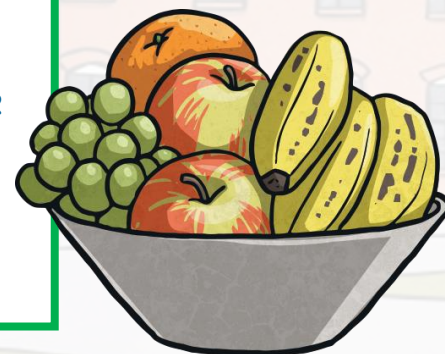


The children at Twinkl Academy voted for their favourite fruit. Complete the table to show how many children chose each fruit.

Fruit	Tally	Number of Children
Apples		20
Bananas		5
Oranges		15
Pears		25

If you drew a pictogram of this data, what scale would you use (how many children would each picture represent)? Why?

The numbers are all multiples of 5, so a scale where 1 symbol is equal to 5 children would work best.





Fruit	Tally	Number of Children
Apples		20
Bananas		5
Oranges		15
Pears		25

The number of children who chose apples is the same as the number of children who chose bananas and oranges put together.

Do you agree? Explain your answer.

She is correct. 20 children chose apples. 5 chose bananas and 15 chose oranges. $15 + 5 = 20$





Each child in Oak Class voted for their favourite pizza topping.

8 children chose ham. What is the scale of the pictogram?

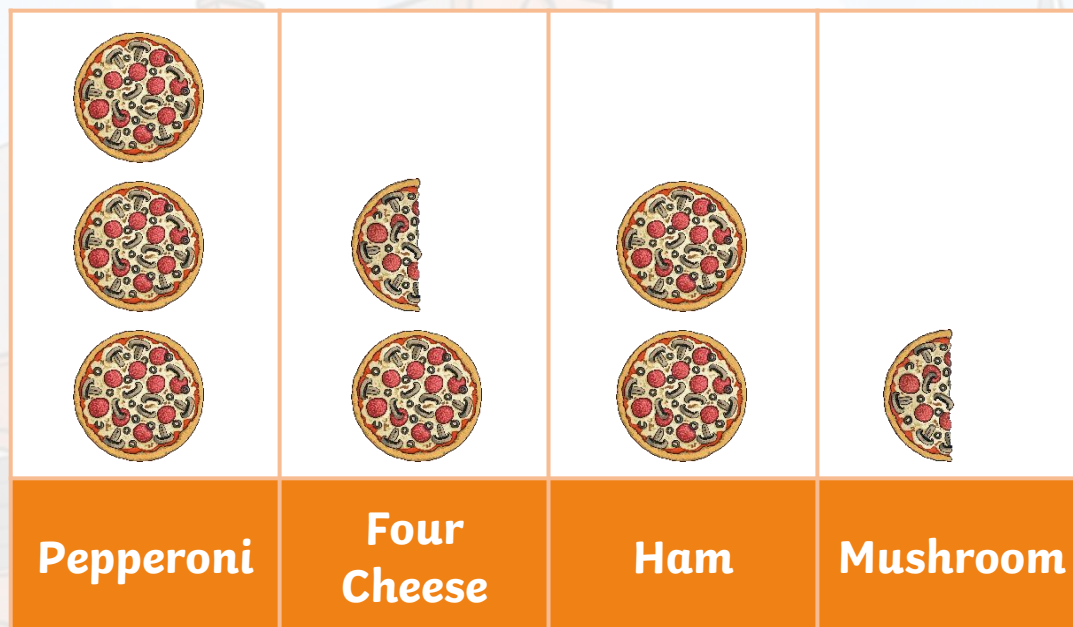


= 4 children

How many children chose mushroom?

2

If 4 more children voted for ham, what would the most popular topping be?



Pepperoni and ham would be equal with 12 votes each.



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