Interpret Charts

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1. True or false? This pictogram has been correctly converted into a bar chart.

Class 4's Favourite Type of Story

Mystery	● ● ● ●
Adventure	● ● ● ● ● ●
Legend	● ● ● ●
Ghost	●

Key: ◯ = 1 child

Class 4's Favourite Type of Story

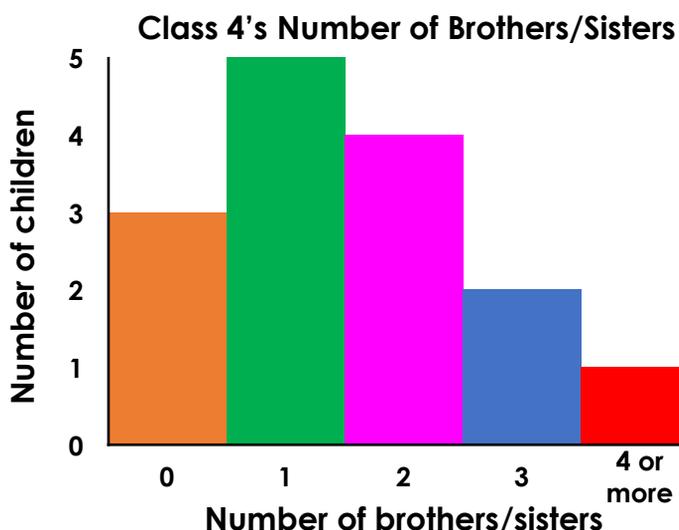Bar chart with values: Mystery = 5, Legend = 6, Adventure = 5, Ghost = 2

D

VF
HW/Ext

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2. Julia says,

> 5 more children have one brother/sister, than have 4 or more brothers/sisters.

Is she correct?

Class 4's Number of Brothers/Sisters

Number of children vs Number of brothers/sisters: 0 = 3, 1 = 5, 2 = 4, 3 = 2, 4 or more = 1

D

VF
HW/Ext

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3. Patrick has used the information in the table below to make a pictogram.

Do you think a pictogram is the best way to present this information? Explain your answer.

Favourite Wild Animal	
Lion	IIII
Tiger	II
Giraffe	I
Elephant	IIII

Favourite Wild Animal	
Lion	● ● ●
Tiger	● ●
Giraffe	●
Elephant	● ● ● ●

Key: ◯ = 1 animal

D

RPS
HW/Ext

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Homework/Extension – Interpret Charts – Year 4 Developing

Interpret Charts

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4. True or false? This pictogram has been correctly converted into a bar chart.

Class 4's Favourite Author	
RD Smith	🔵🔵
DW Jones	🟢🟢🟢🟢🟢
M Hussain	🟣🟣🟣
JK Taylor	🔴🔴🔴🔴

Key: ⚪ = 2 children

Class 4's Favourite Author
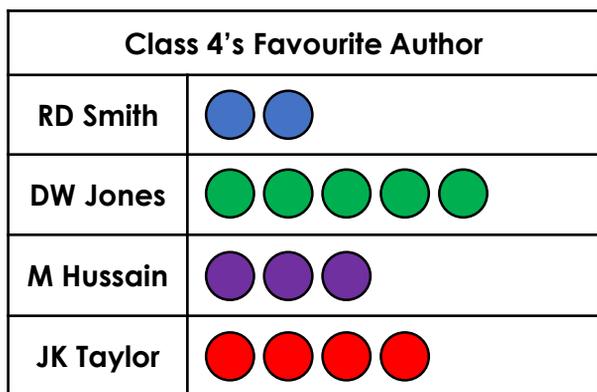
(bar chart with y-axis labelled 40, 30, 20, 10, 0 and x-axis labelled RD Smith, DW Jones, JK Taylor, M Hussain)

VF
HW/Ext

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5. Ben says,

> 18 children got more than 21 answers correct in a minute.

Is he correct?

Class 4's Times Tables Competition

(bar chart: y-axis "Number of children" labelled 10, 8, 6, 4, 2, 0; x-axis "Number of correct answers in a minute" labelled 0-10, 11-20, 21-30, 31-40, 41-50)
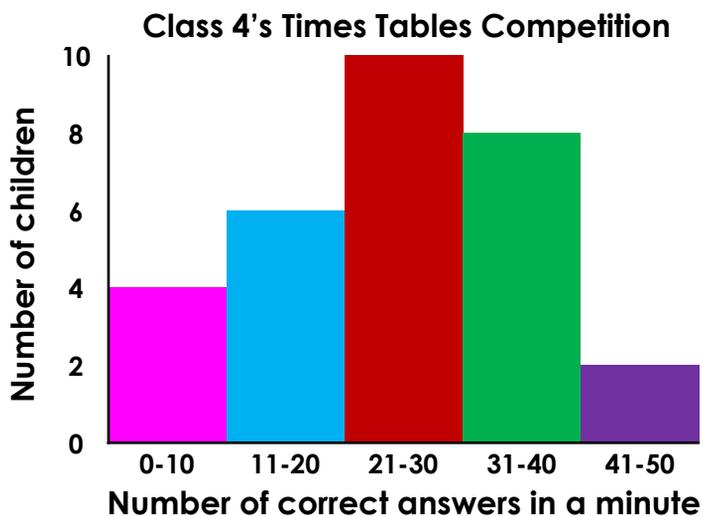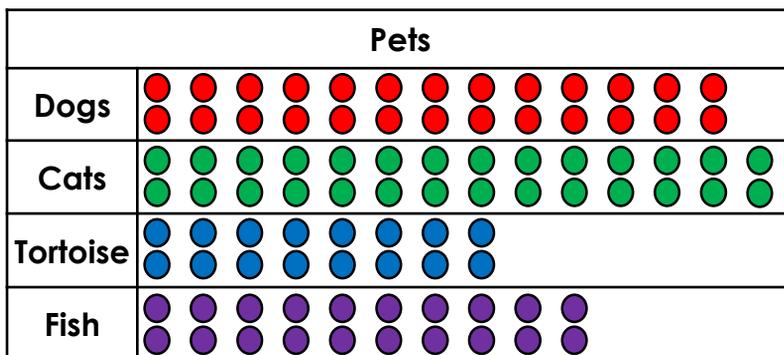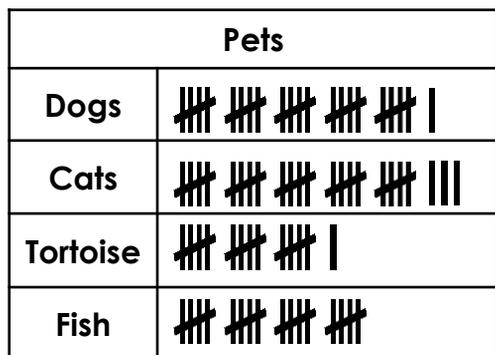
VF
HW/Ext

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6. Lena has used the information in the table below to make a pictogram.

Do you think a pictogram is the best way to present this information? Explain your answer.

Pets	
Dogs	卌 卌 卌 卌 卌 I
Cats	卌 卌 卌 卌 卌 卌 III
Tortoise	卌 卌 卌 I
Fish	卌 卌 卌 卌

Pets	
Dogs	🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴🔴
Cats	🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢🟢
Tortoise	🔵🔵🔵🔵🔵🔵🔵🔵🔵🔵🔵🔵🔵🔵🔵🔵
Fish	🟣🟣🟣🟣🟣🟣🟣🟣🟣🟣🟣🟣🟣🟣🟣🟣🟣🟣🟣🟣

Key: ⚪ = 1 pet

RPS
HW/Ext

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Homework/Extension – Interpret Charts – Year 4 Expected