

Key learning: To interpret data from scaled pictograms and block diagrams

Do Now

Mentally calculate these by counting on or back

$$32 + 5 =$$

$$48 - 4 =$$

★ *Check your answers using the inverse*

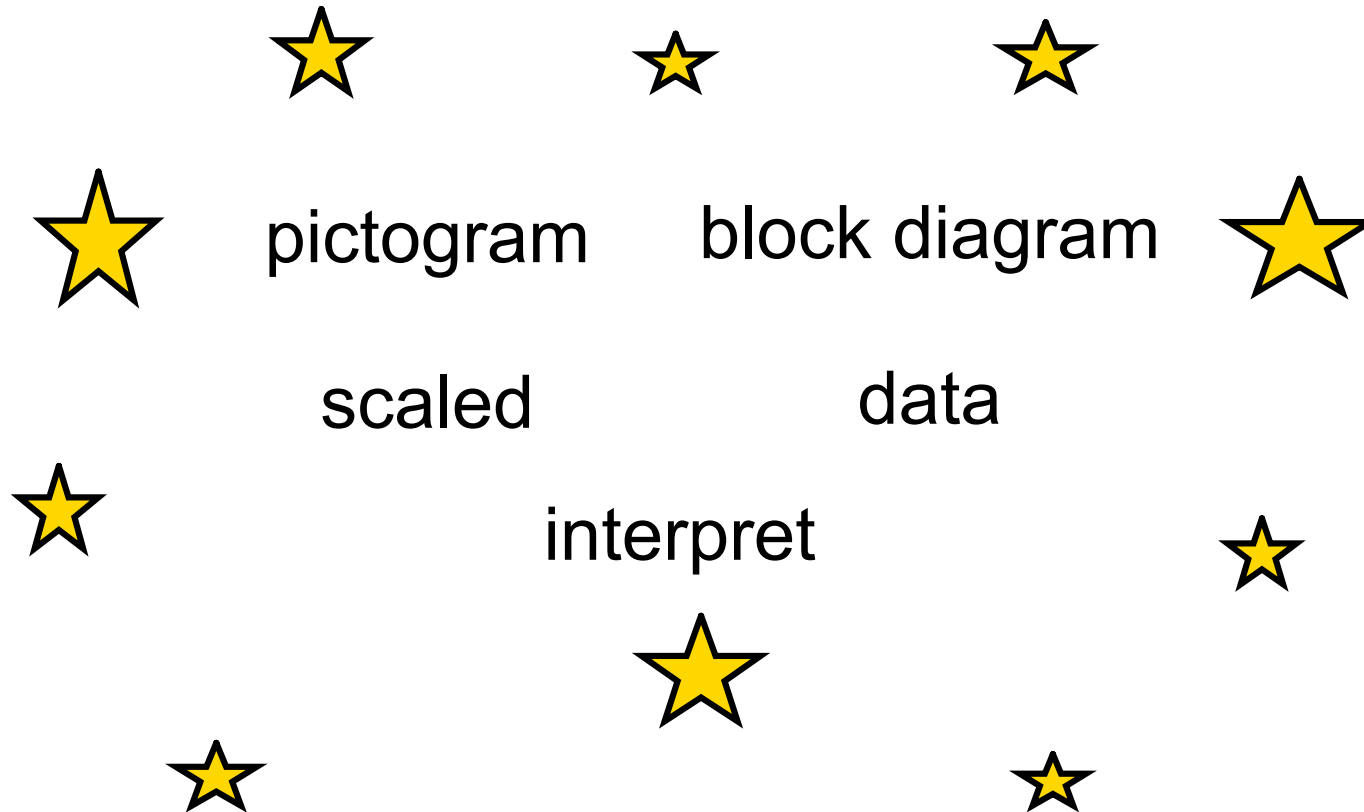


pictogram block diagram scaled data interpret



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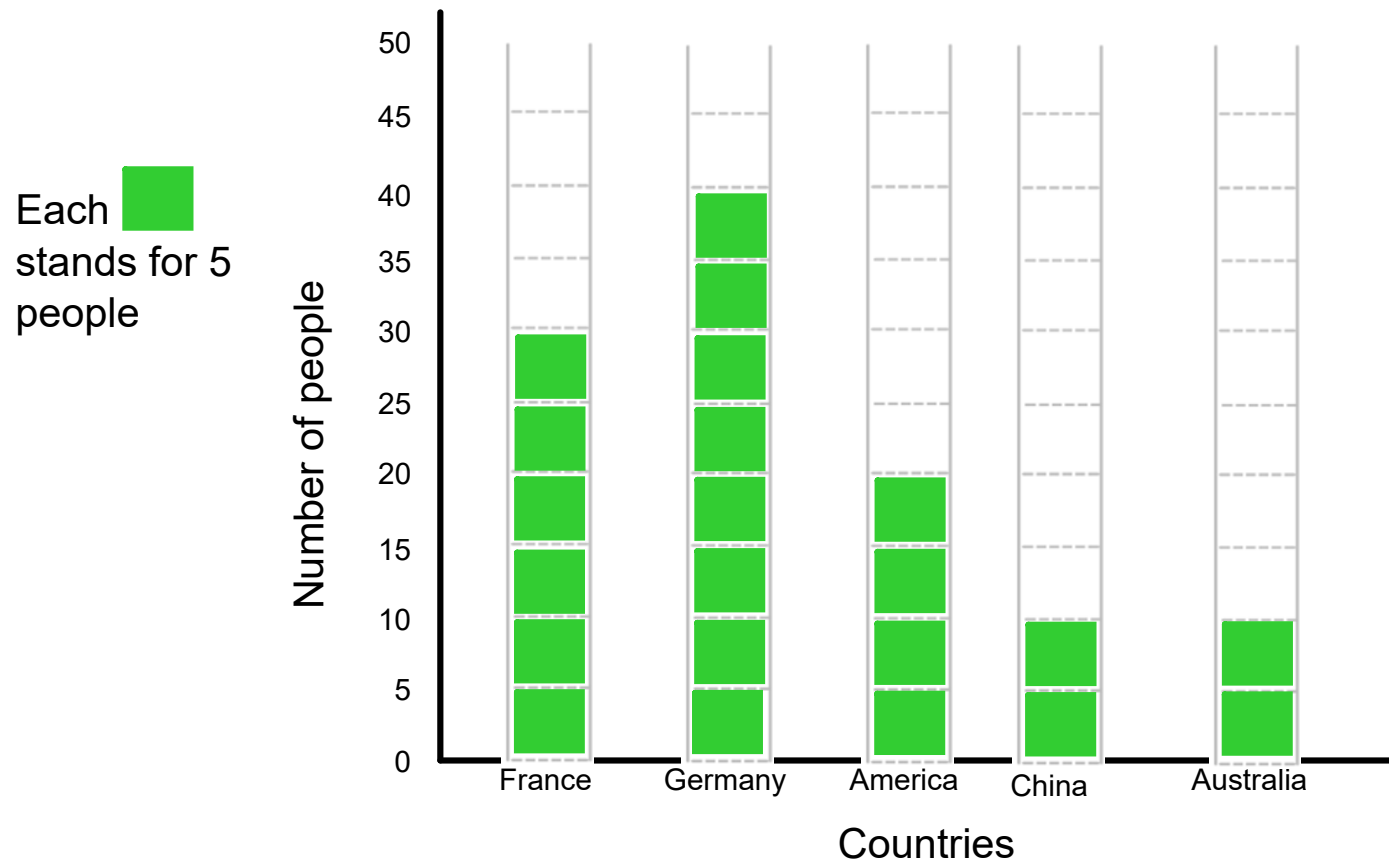
Star words



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Countries people visited



pictogram

block diagram

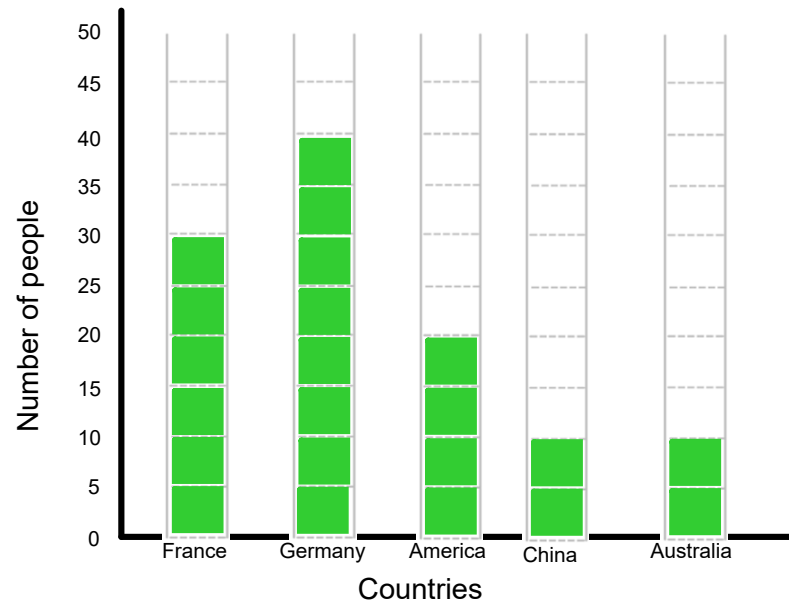
scaled


data

interpret

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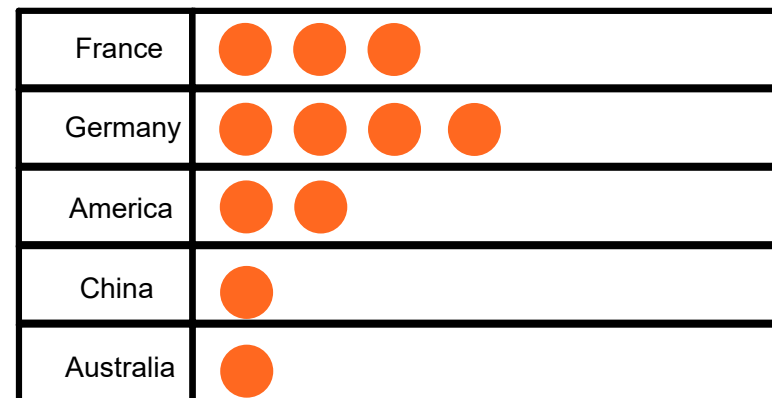
Countries people visited



Each  stands for 5 people

What's the same? What's different?

Countries people visited



Each  stands for 10 people.

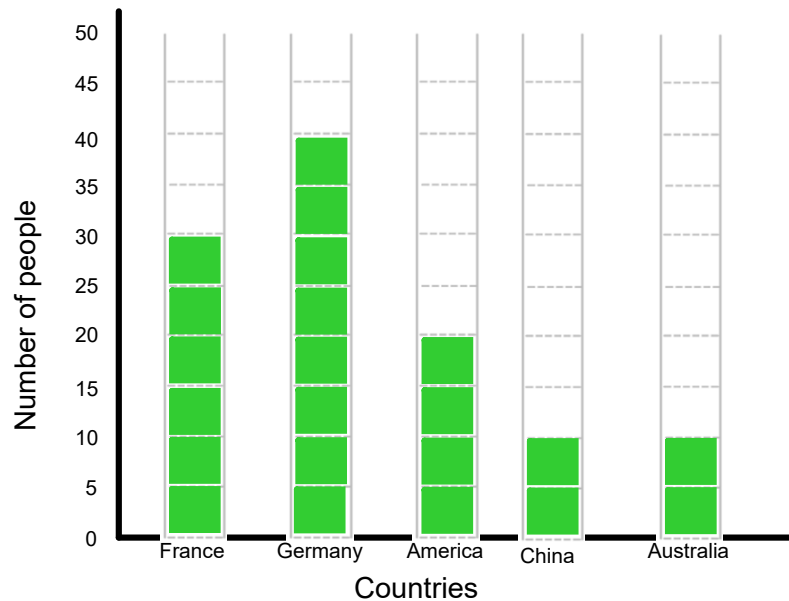


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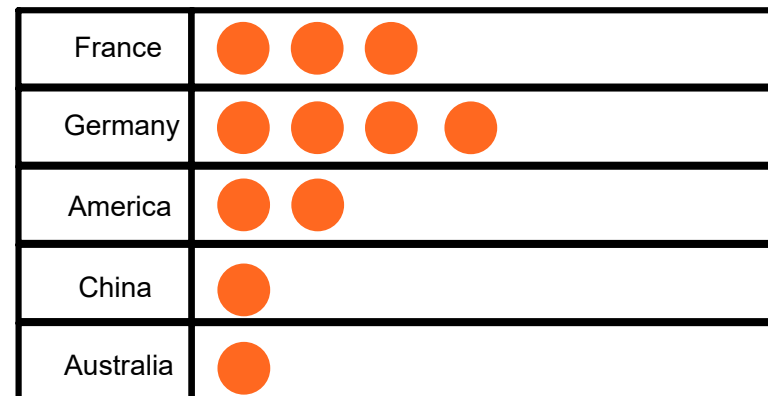
How many people visited China and Australia?

Countries people visited



Each  stands for 5 people

Countries people visited



Each  stands for 10 people.



pictogram block diagram scaled data interpret

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Task A

Pick a question.

Look at the pictogram to see if the question can be answered.

Write down your answer

What is the total number of people asked?

How many people want to travel to Mercury?

How many people would want to go to Mars and Mercury?

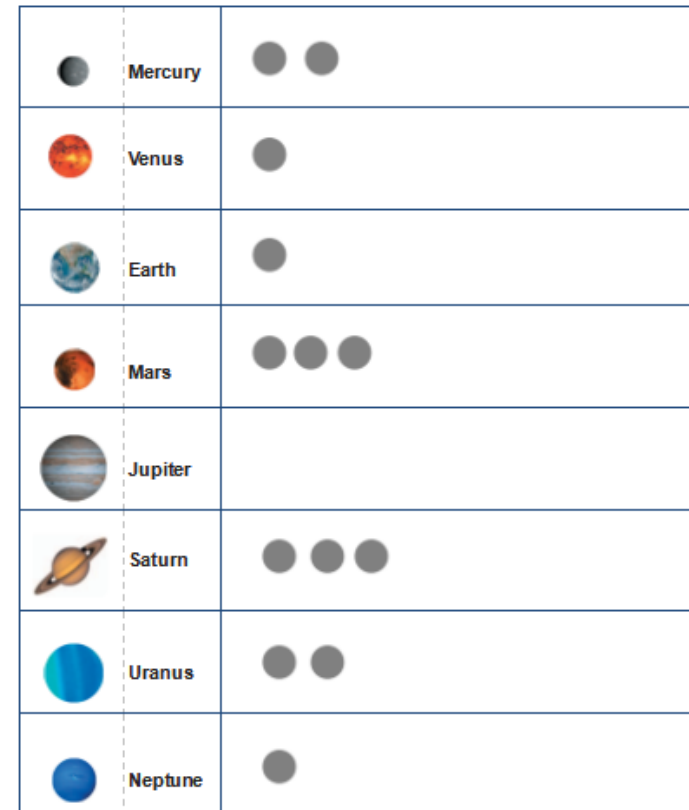
Which planet is the least popular?


How many people would want to go to Venus and Saturn?

How many people want to travel to the Moon?

How many more people want to go to Saturn than Neptune?

A pictogram of planets people want to visit



Each  represents 10 people.



pictogram block diagram scaled data interpret



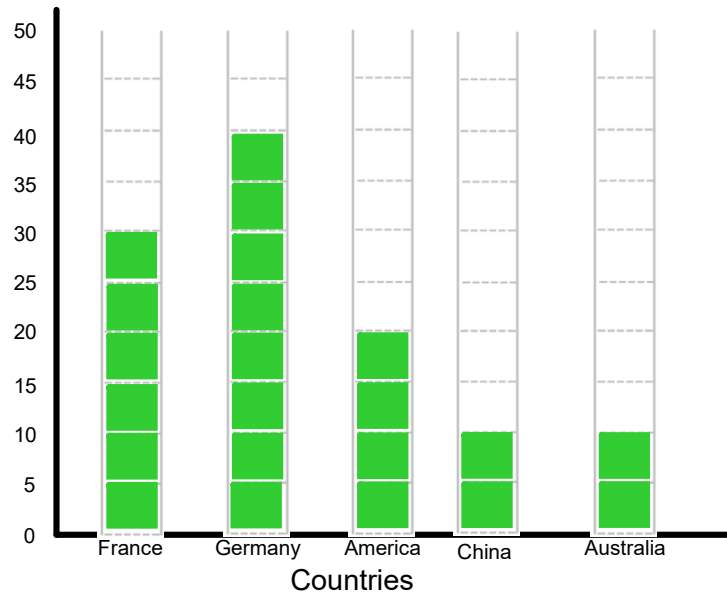
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Which country had the most people visit?

Which country had the fewest people visit?

How many people visited China and Australia?

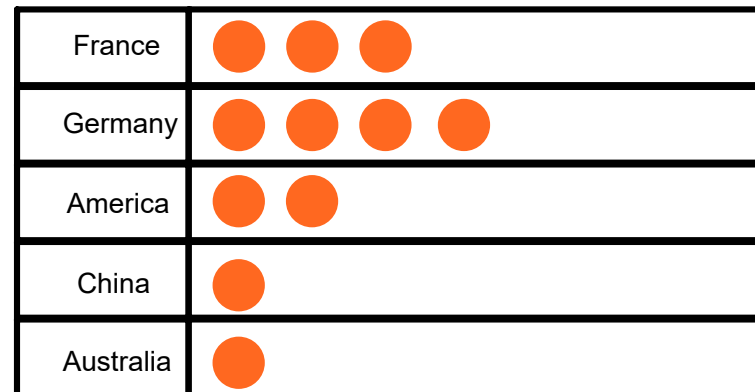
Countries people visited




Each  stands for 5 people

How many people were asked altogether?

Countries people visited



Each  stands for 10 people.



pictogram block diagram scaled data interpret



Doubles and near doubles to 10

Key learning: To interpret data from scaled pictograms and block diagrams

Task B Answer the questions from the Talk Task using the block diagram. They may be some impossible questions to trick you!

How many people want to travel to Mercury?

What planet would my teacher prefer to visit?

How many people would want to go to Mars and Mercury?

Which planet is the least popular?

What time of year will each person visit a planet?

What is the total number of people asked?

How many people would want to go to Venus and Saturn?

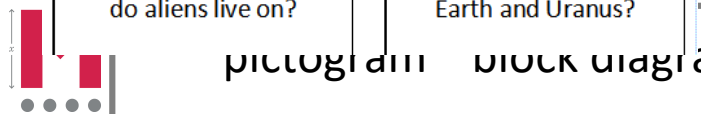
How many people want to travel to the Moon?

What is the difference between the most popular and least popular planet?

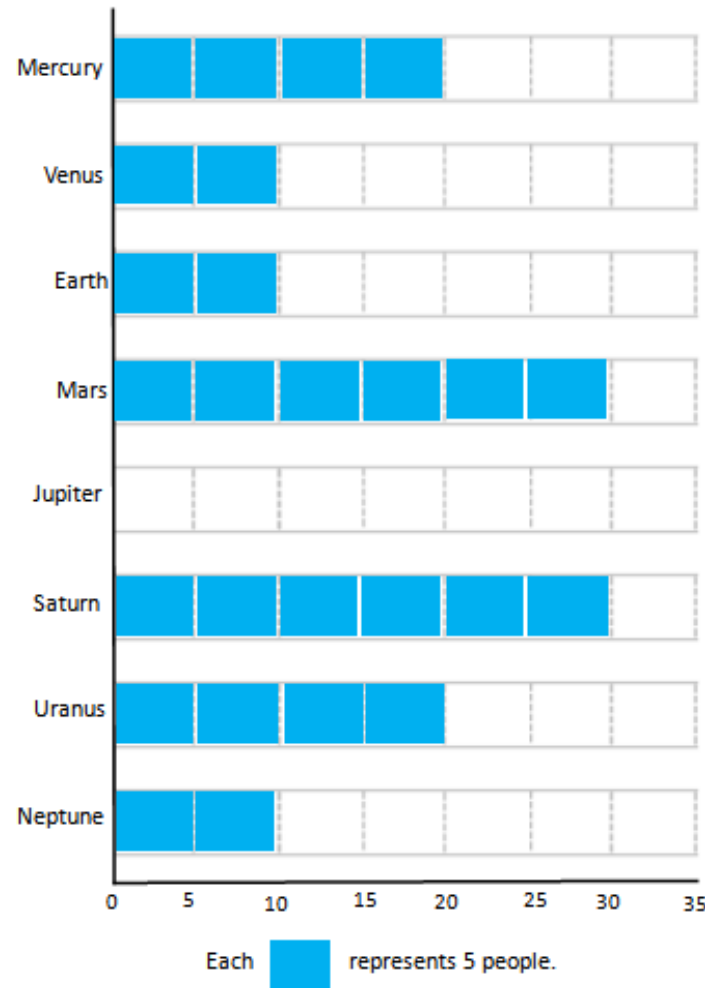
How many more people want to go to Saturn than Neptune?

How many of the planets do aliens live on?

How many people chose Earth and Uranus?



A block diagram of planets people want to visit



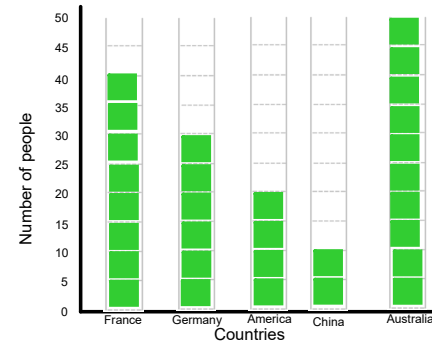
Doubles and near doubles to 10

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CHALLENGE

Complete the pictogram using information from the scaled block diagram.

Countries people visited



Each  stands for 5 people

Each  stands for 10 people.

Countries people visited

France	
Germany	
America	
China	
Australia	



pictogram block diagram scaled data interpret



Doubles and near doubles 14 10

