

Animal Math

A _____ **3** - _____



A - _____

First, you need to survey about 15 people (friends or relatives) and find out

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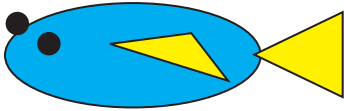
Find the total numbers for each type of pet and record them in the table

Can you believe THIS is math?

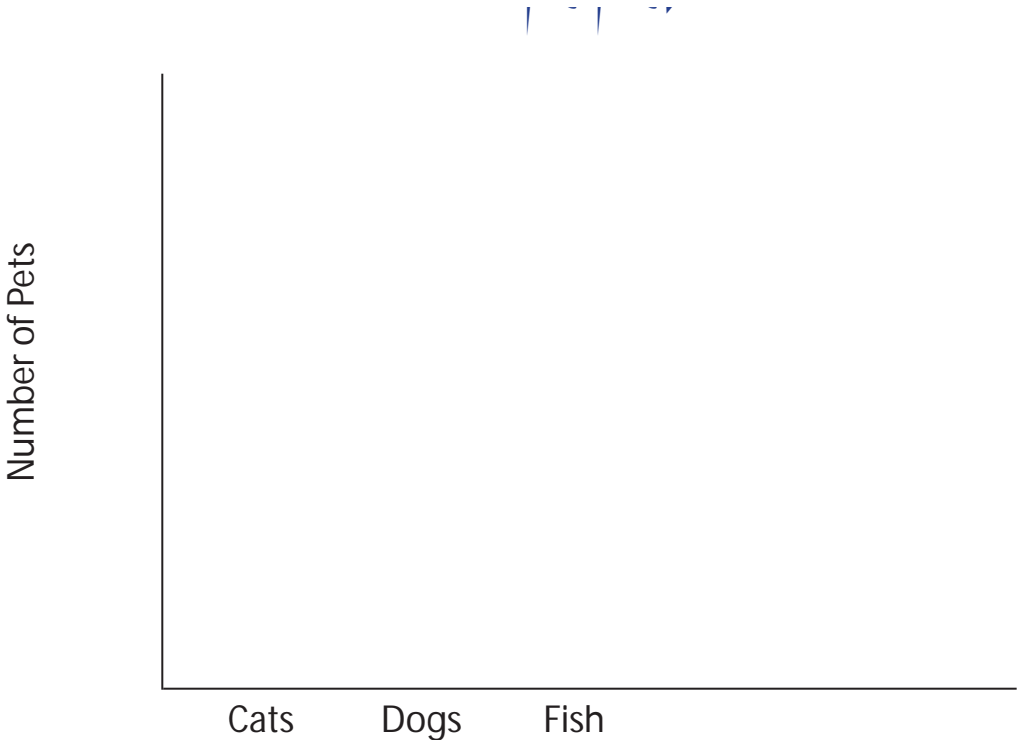
Animal Math

A _____ **3** - _____ **- continued**

B:



In order to draw a pictograph you first need to create your legend. The legend is a set of symbols used to describe your data. Since it is a pictograph we will use pictures to describe the data. You need to draw symbols for cat, dog, fish, rodent and bird. Try to draw something fairly simple so that you can easily redraw it again. For example, a fish can be represented by an easy drawing like the one to the left. Draw your pictures to represent each pet. Use coloured pencils to make the symbols. When you have decided on your symbols, using a pencil and ruler, prepare a pictogram on a piece of paper as shown below.

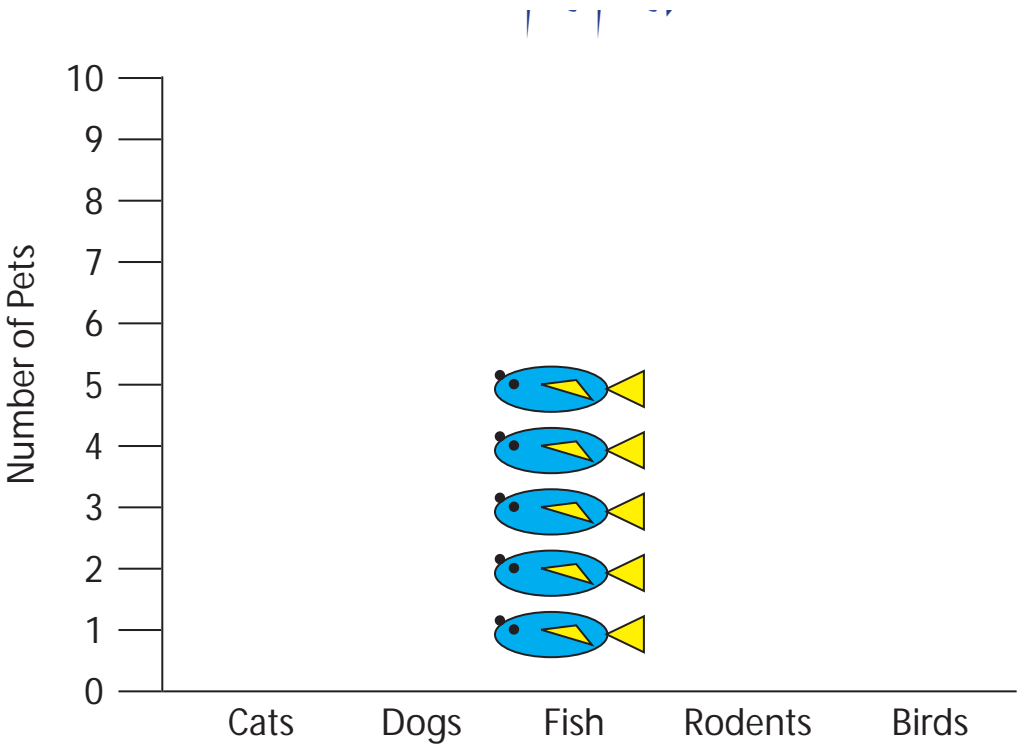


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Animal Math

A 3 - *- continued*

Use the total numbers for each kind of pet (last row in your table in Part A) in order to create the graph. For each type of pet, draw the number of symbols to equal the total number of pets. For example, if you have 5 fish as the total, on your graph show this by drawing 5 fish in a stacked column:



Using the rest of your symbols, you can now complete your graph

1. What was the most popular pet, according to your survey?
2. Which pet was least popular?
3. What was the difference between the most popular and least popular pet?
4. Which pet was the second most popular according to your survey?
5. Find the difference between the most popular and the second most popular pet.

Can you believe THIS is math?