



Problem of the Week

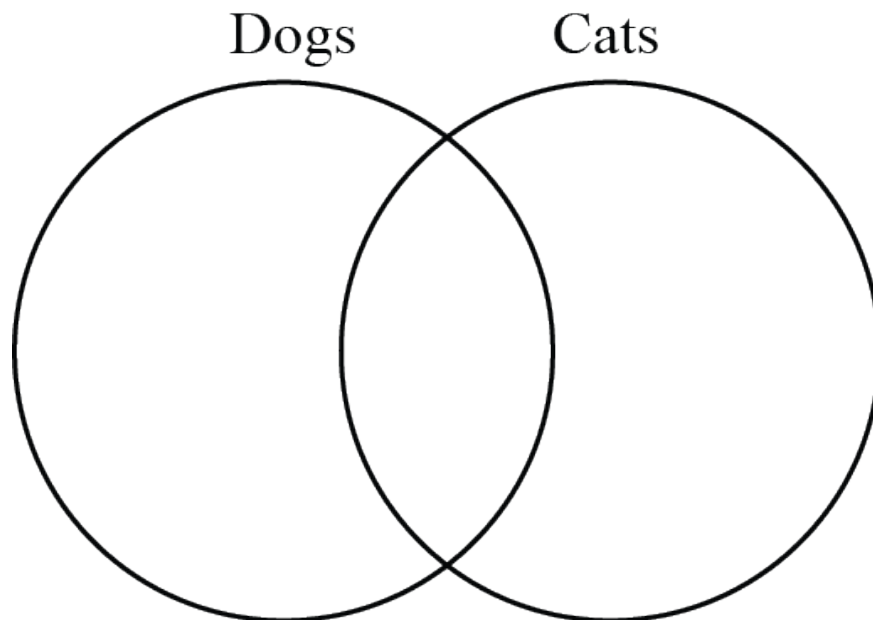
Problem A

Pet Problem

There are 30 students in Ms. Chan's class. They were discussing their pets. They were asked three questions and the results are shown in the table below:

Question	Number of Students Who Answered Yes
Do you have at least one dog at home?	16
Do you have at least one cat at home?	19
Do you have both at least one cat and at least one dog at home?	11

How many students have neither cats nor dogs at home? You may use a Venn diagram to help solve this problem.



Not printing this page? You can use the Venn diagram on our [interactive worksheet](#).