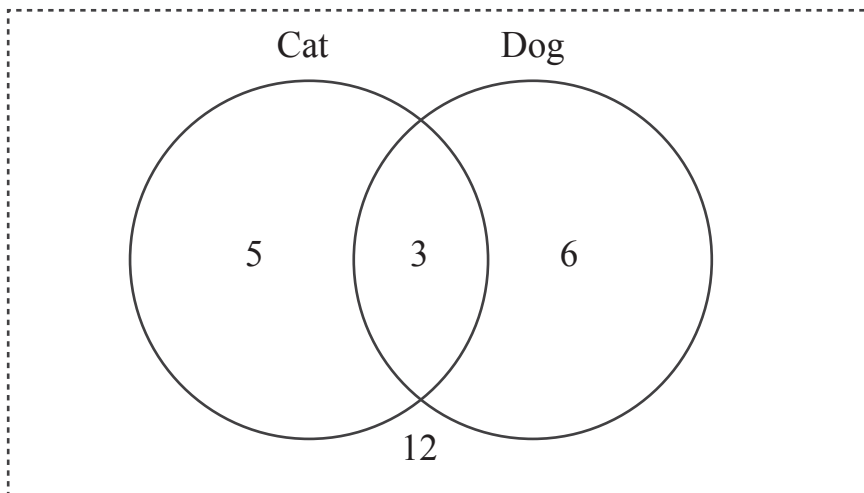


# Venn Diagram True or False

Name: \_\_\_\_\_ Score: \_\_\_\_\_

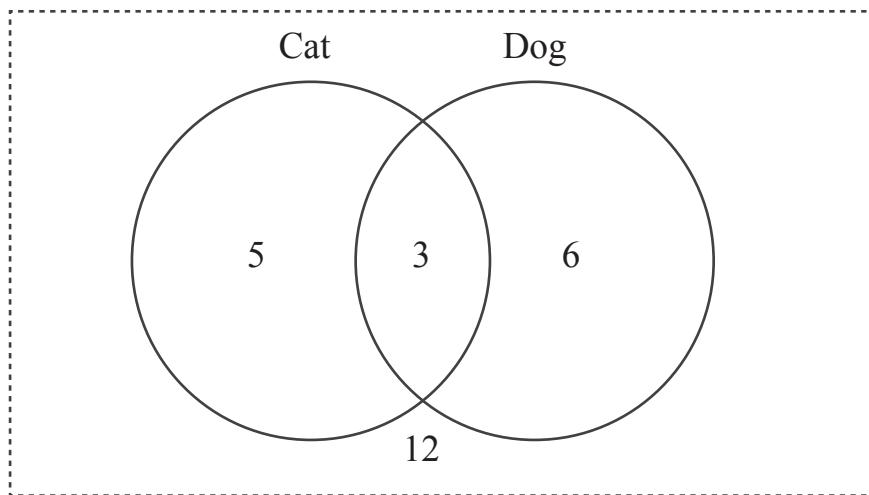
We asked a group of children whether they have a cat or a dog as pet. The results can be seen in the following Venn Diagram. Use the information to tell if the statements are true or false.



- 1) 5 children have a cat as pet. \_\_\_\_\_
- 2) 5 children have a cat but not a dog as pet. \_\_\_\_\_
- 3) 3 children have both a cat and a dog as pet. \_\_\_\_\_
- 4) 14 children don't have a cat nor a dog as pet. \_\_\_\_\_
- 5) 14 children have a cat or dog as pet. \_\_\_\_\_
- 6) 6 children have a dog but not a cat as pet. \_\_\_\_\_
- 7) 20 children do not have a cat as pet. \_\_\_\_\_
- 8) 23 children don't have both a cat and a dog as pet. \_\_\_\_\_

# Answers

We asked a group of children whether they have a cat or a dog as pet. The results can be seen in the following Venn Diagram. Use the information to tell if the statements are true or false.



- 1) 5 children have a cat as pet. false
- 2) 5 children have a cat but not a dog as pet. true
- 3) 3 children have both a cat and a dog as pet. true
- 4) 14 children don't have a cat nor a dog as pet. false
- 5) 14 children have a cat or dog as pet. true
- 6) 6 children have a dog but not a cat as pet. true
- 7) 20 children do not have a cat as pet. false
- 8) 23 children don't have both a cat and a dog as pet. true