

## Cold Noses

- 8** Dogs truly make great pets. Now, scientists think  
**17** they've found out why their noses are so cold!  
**27** In a new study, they say that dogs' cold noses  
**35** can detect small amounts of heat. This allows  
**45** them to spot the heat of small animals from 1.5  
**47** metres away!  
**57** The tip of a dog's nose is called a rhinarium.  
**66** This has a lot of nerve endings — a whopping  
**68** 100 million!  
**74** Scientists from Lund University and Eotvos Lorand  
**81** University tested whether dogs' noses could sense  
**91** heat. The dogs were trained to find an object which  
**94** was slightly warmer.  
**101** While humans couldn't find the warmer object,  
**110** dogs could sense it from over a metre away!  
**118** Who 'nose' what scientists will find out next!



## Quick Questions

1. How many nerve endings does the tip of a dog's nose have?  
\_\_\_\_\_
2. Give one example of the use of humour in the news story.  
\_\_\_\_\_  
\_\_\_\_\_
3. What is the most important information in this news story?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. Tick a box for each row to show whether each statement is a fact or an opinion.

|   | Fact                     | Opinion                  |
|---|--------------------------|--------------------------|
| Dogs truly make a great pet.                        | <input type="checkbox"/> | <input type="checkbox"/> |
| The tip of a dog's nose is called a rhinarium.      | <input type="checkbox"/> | <input type="checkbox"/> |
| Dogs can sense warmer objects from 1.5 metres away. | <input type="checkbox"/> | <input type="checkbox"/> |
| This is an important study.                         | <input type="checkbox"/> | <input type="checkbox"/> |

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## Answers

- How many nerve endings does the tip of a dog's nose have?  
**100 million**
- Give one example of the use of humour in the news story.  
**'Who 'nose' what scientists will find out next!**
- What is the most important information in this news story?  
**Accept any reasonable answer which refers to the news story, e.g. Scientists believe that dog's noses are cold so they can sense heat from a distance.**
- Tick a box for each row to show whether each statement is a fact or an opinion.

|   | Fact | Opinion |
|---|------|---------|
| Dogs truly make a great pet.                        |      | ✓       |
| The tip of a dog's nose is called a rhinarium.      | ✓    |         |
| Dogs can sense warmer objects from 1.5 metres away. | ✓    |         |
| This is an important study.                         |      | ✓       |