

# PET OVERPOPULATION MATH ACTIVITY

## How did we get so many?

18 million homeless cats and dogs are brought to animal shelters each year. The answer to this math problem will help us understand why there are so many homeless pets.

DIRECTIONS: After reading each sentence, write the correct number of cats in the box.

1. Pretend you own ONE unspayed female cat. Her name is Misty.

3. In June Misty has her second litter of FOUR kittens.

5. In November Misty has her third litter of FOUR kittens.

2. In January, Misty has FOUR kittens; two males and two females.

4. AND her TWO daughters have FOUR kittens each (2 x 4)

6. Her FOUR daughters each have a litter of FOUR kittens. (4 x 4)

Subtotal A

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Subtotal B

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7. AND her FOUR granddaughters each have a litter of FOUR. (4 x 4)

Subtotal C

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### B. ADD SUBTOTALS

A + B + C = \_\_\_\_\_ This is the total number of cats born just because ONE cat was not spayed!

What should you have done for Misty, so that at the end of one year you would have just one cat? Write your ideas here:

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