

Too Many Dogs - Too Few Good Homes!!!

Each year across Canada, hundreds of thousands of dogs suffer because they do not have a good forever home. In one year a female dog can have two litters of puppies. In each litter there is an average of six puppies. This math exercise will help you understand how this problem has gotten so huge. You will also understand how to be part of the solution!!!

Part A

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

- | | | |
|--|-------|----------------|
| 1. Pretend you have ONE unspayed female dog. Her name is Bonnie. | _____ | |
| 2. In the spring, Bonnie has SIX puppies—three males and three females. | + | _____ |
| | = | _____ |
| | | TOTAL A |
| 3. In the fall, Bonnie has her second litter of SIX puppies. | + | _____ |
| 4. AND her THREE daughters have SIX puppies each. (3 x 6) | = | _____ |
| | | TOTAL B |
| 5. The next spring, Bonnie has her third litter of SIX puppies. | + | _____ |
| 6. Her SIX daughters each have a litter of SIX puppies. (6 x 6) | + | _____ |
| 7. AND her NINE granddaughters each have a litter of SIX puppies (9 x 6) | = | _____ |
| | | TOTAL C |
| 8. The next fall, Bonnie has her fourth litter of SIX puppies. | + | _____ |
| 9. Her NINE daughters each have a litter of SIX puppies (9 x 6) | + | _____ |
| 10. AND her 54 granddaughters and great-granddaughters each have a litter of SIX puppies. (54 x 6) | = | _____ |
| | | TOTAL D |
-
- | | | | | | | | | |
|-------|---|-------|---|-------|---|-------|---|--------------|
| _____ | + | _____ | + | _____ | + | _____ | = | _____ |
| A | | B | | C | | D | | TOTAL |

Part B

What should have been done for Bonnie so that at the end of two years, you would have had just one dog?
Write your ideas here:

