

Text Explanation

Let P be the total animal population at the zoo. We know that

16% of P = number of leopards

16% of $P = 44$

Divide both sides by 4.

4% of $P = 11$

Now, multiply both sides by 25

100% of $P = P = 25 \times 11$

Notice that it's easy to multiply by 11 without a calculator:

$P = 25 \times 11 = 25 \times (10 + 1)$

$P = 25 \times 10 + 25 \times 1 = 250 + 25 = 275$

That's the total number of animals at the zoo.

Answer = **(B)**