The probability of owning a dog is .6. The probability of owning a cat is .4. The probability of owning a dog and a cat is 0.24.

1. What is the probability that out of cat owners, they also own a dog?
2. 0.4
3. 0.6
4. 0.24
5. 0.2
6. What is the probability that out of dog owners, they also own a cat?

a. 0.4

b. 0.6

c. 0.24

d. 0.2

1. Are owning a dog and owing a cat independent event?
2. Yes
3. No

Choose a for 4 and 5