*Animal*

name

getName()

*makeNoise*()

Cat

makeNoise()

Dog

makeNoise()

Which of the following will compile?

1. Animal pet1= new Animal();
2. Animal pet1 = new Cat();
3. Animal pet2 = new Dog();
4. Cat cat1 = new Cat();
5. Cat dog1 = new Cat();
6. Cat cat2 = new Animal();
7. Dog dog1 = new Dog();
8. Dog dog2 = new Cat();
9. Dog dog3 = new Animal();
10. Dog cat4 = new Dog();
11. Which method will be executed?

Cat cat1 = new Cat();

cat1.makeNoise();

1. Which method will be executed?

Dog dog1 = new Dog();

dog1.makeNoise();

1. Which method will be executed?

Animal pet1 = new Cat();

pet1.makeNoise();

1. Which method will be executed?

Animal pet2 = new Dog();

pet2.makeNoise();