3. An abstract class is allowed to have method implementations inside of it. **?**

True

False

ⓘ No Explanation

```
public abstract class FarmAnimal {
    // properties
```

```
public String getName() {
    return name;
}
```

```
public abstract String eat();
```

any child who must override this method

```
public class Cow extends FarmAnimal{

    @Override
    public String eat() {
        return "I have 4 stomachs";
    }
```

Is there any time an Abstract class would not be a parent class?

Abstract classes are also classes you cannot create an instance (object) of

~~FarmAnimal animal = new FarmAnimal();~~

```
public class Wall {
    private String name;
    private String color;


    public Wall(String name, String color){
        this.name = name;
        this.color = color;
}
```

```
public class Rectangle extends Wall {
    private int length;
    private int height;

    public Rectangle(int length, int height,
            String color, String name) {
        super(name, color);
        this.length = length;
        this.height = height;
}
```

```
public class Square extends Rectangle{
    private int sideLength;
    private String something;
    public Square(String name, String color,
            int sideLength){
        super (sideLength, sideLength, color, name);
        this.sideLength = sideLength;
}
```

```
public Rectangle (int length, int heigth) {
    super("","");   We don't want to do this!
```