On the back of the page, write a syntactically correct C++ class Widget such that the code shown on the right compiles and produces the output shown on the left.

```cpp
#include <iostream>

// Your class here.

int main() {
    Widget w1{10}, w2{10}, w3{100};
    w1.process(116);
    w2.process(5);
    w3.process(5);
    return 0;
}
```

Output:

```
Process: 1160
Process: 50
Process: 500
```

A possible solution is as follows:

```cpp
class Widget
{
public:
    Widget(int x) :
        mX{x}
    {   }

    void process(int coeff)
    {
        std::cout << "Process: " << mX * coeff << std::endl;
    }

private:
    int mX;
};
```