

ASTMul.java

```
1 package AST;
2
3 import iValue.IValue;
4
5
6
7 public class ASTMul implements ASTNode {
8
9     private ASTNode f1;
10    private ASTNode f2;
11
12    public ASTMul(ASTNode f1, ASTNode f2) {
13        this.f1 = f1;
14        this.f2 = f2;
15    }
16
17    @Override
18    public IValue eval(Environment e) {
19        IValue left = f1.eval(e);
20        if(left instanceof VInt) {
21            IValue right = f2.eval(e);
22            if(right instanceof VInt) {
23                return new VInt(((VInt)left).getVal() * ((VInt)right).getVal());
24            }
25        }
26        throw new Error("Illegal types to division");
27    }
28
29 }
30
```