

BEGIN

```
graph TD; A([BEGIN]) --> B[/Enter InitialAmount, HalfLife, Time/]; B --> C[Calculate AmountRemaining = InitialAmount * (0.5) ** (Time / HalfLife)]; C --> D[/Display AmountRemaining/]; D --> E([END]);
```

The flowchart consists of five main components connected by downward-pointing blue arrows. At the top is an oval labeled 'BEGIN'. Below it is a parallelogram representing an input step: 'Enter InitialAmount, HalfLife, Time'. The next step is a rectangle representing a calculation: 'Calculate AmountRemaining = InitialAmount \* (0.5) \*\* (Time / HalfLife)'. This is followed by another parallelogram representing an output step: 'Display AmountRemaining'. Finally, at the bottom, is an oval labeled 'END'.

Enter *InitialAmount*,  
*HalfLife*, *Time*

Calculate *AmountRemaining* =  
*InitialAmount* \* (0.5) \*\* (*Time* / *HalfLife*)

Display  
*AmountRemaining*

END