

Future Value of Periodic Payments Calculator

This calculator will show you how much interest you will earn over a given period of time; at any given interest rate; based on an initial investment plus a fixed monthly addition. The calculator compounds monthly and assumes deposits are made at the beginning of each month.

```
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```

```
function computeForm(form) {  
    var i = form.interest.value;  
  
    if (i > 1.0) {i = form.interest.value / 100} else {i = form.interest.value};  
  
    i /= 12;  
  
    var ma = eval(form.moAdd.value);  
  
    var prin = eval(form.principal.value);  
  
    var pmts = eval(form.payments.value * 12);  
  
    var count = 0;  
  
    while(count < pmts) {  
        newprin = prin + ma;  
        prin = (newprin * i) + eval(prin + ma);  
        count = count + 1;  
    }  
  
    form.fv.value = prin;  
  
    var totinv = eval(count * ma) + eval(form.principal.value);  
  
    form.totalint.value = eval(prin - totinv);  
  
}
```

```
function clearForm(form)
{
    form.payments.value = "";
    form.interest.value = "";
    form.principal.value = "";
    form.moAdd.value = "";
}
```

Initial
Investment
Monthly
Addition
Interest
Rate
Number of
Years
Future
Value
Interest
Earned

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