## Loan Comparison

| Fixed Loan |  |
| :--- | ---: |
| Loan Amount: | $\$ 800,000$ |
| Num Payments: | 120 |
| Annual Rate: | $3.25 \%$ |
| APR: | $3.256 \%$ |
| Monthly P \& l: | $\$ 3,482$ |


| Adjustable Loan |  |
| :--- | ---: |
| Loan Amount: | $\$ 800,000$ |
| Num Payments: | 120 |
| Annual Rate: | $2.39 \%$ |
| ARM P \& I: | $\$ 3,116$ |
| Savings Compared to Fixed Rate Mortgage: | $\$ 366$ |

If savings of \$366 is applied toward principal, the monthly payment would be the
same as the Fixed Payment, and would result in the following:

Snapshot after 10 Years
Yearly Monthly

Amortization Schedule - Fixed Loan

| Year | Amount | Interest | Principal | Balance |
| :---: | ---: | ---: | ---: | ---: |
| 1 | $\$ 41,784$ | $\$ 25,764$ | $\$ 16,017$ | $\$ 783,983$ |
| 2 | $\$ 83,568$ | $\$ 50,999$ | $\$ 32,562$ | $\$ 767,438$ |
| 3 | $\$ 125,352$ | $\$ 75,688$ | $\$ 49,654$ | $\$ 750,346$ |
| 4 | $\$ 167,136$ | $\$ 99,808$ | $\$ 67,306$ | $\$ 732,691$ |
| 5 | $\$ 208,920$ | $\$ 123,349$ | $\$ 85,542$ | $\$ 714,454$ |
| 6 | $\$ 250,704$ | $\$ 146,290$ | $\$ 104,381$ | $\$ 695,615$ |
| 7 | $\$ 292,488$ | $\$ 168,610$ | $\$ 123,841$ | $\$ 676,155$ |
| 8 | $\$ 334,272$ | $\$ 190,287$ | $\$ 143,942$ | $\$ 656,052$ |
| 9 | $\$ 376,056$ | $\$ 211,302$ | $\$ 164,707$ | $\$ 635,286$ |
| 10 | $\$ 417,840$ | $\$ 231,631$ | $\$ 186,157$ | $\$ 613,836$ |

Balance
Difference \$6,893 \$13,811
\$20,749
\$27,705
\$34,674
\$41,649
\$48,628
\$55,602
\$62,567
\$69,519

Amortization Schedule - Adjustable Loan

| Year | Amount | Interest | Principal | Balance |
| :---: | ---: | ---: | ---: | ---: |
| 1 | $\$ 41,784$ | $\$ 18,870$ | $\$ 22,909$ | $\$ 777,090$ |
| 2 | $\$ 83,568$ | $\$ 37,187$ | $\$ 46,373$ | $\$ 753,627$ |
| 3 | $\$ 125,352$ | $\$ 54,935$ | $\$ 70,403$ | $\$ 729,597$ |
| 4 | $\$ 167,136$ | $\$ 72,104$ | $\$ 95,015$ | $\$ 704,986$ |
| 5 | $\$ 208,920$ | $\$ 88,678$ | $\$ 120,222$ | $\$ 679,780$ |
| 6 | $\$ 250,704$ | $\$ 104,643$ | $\$ 146,037$ | $\$ 653,966$ |
| 7 | $\$ 292,488$ | $\$ 119,984$ | $\$ 172,476$ | $\$ 627,527$ |
| 8 | $\$ 334,272$ | $\$ 134,686$ | $\$ 199,554$ | $\$ 600,450$ |
| 9 | $\$ 376,056$ | $\$ 148,734$ | $\$ 227,285$ | $\$ 572,719$ |
| 10 | $\$ 417,840$ | $\$ 162,113$ | $\$ 255,687$ | $\$ 544,317$ |

After 10 years, you have gained an additional \$69,519 in equity

## Your Equity <br> Fixed Rate vs ARM (Yearly)



## Fixed Summary Year 11

| Beginning of the Year Loan Balance: | $\$ 613,836$ |
| :--- | ---: |
| End of Year Balance: | $\$ 591,678$ |
| Num Payments: | 12 |
| Annual Rate: | $3.25 \%$ |
| Monthly P \& I: | $\$ 3,482$ |

## Adjustable Summary Year 11

| Beginning of the Year Loan Balance: | $\$ 544,317$ |
| :--- | ---: |
| End of Year Balance: | $\$ 526,929$ |
| Num Payments: | 12 |
| Annual Rate: | $4.39 \%$ |
| ARM P \& I: | $\$ 3,411$ |

Beginning of the Year Loan Balance:
\$544,317
Nu 12
Annual Rate: 4.39\%
ARM P \& I:
\$3,411

After 12 years, ARM saves you a total of \$56,492

## Fixed Summary Year 12

| Beginning of the Year Loan Balance: | $\$ 591,678$ |
| :--- | ---: |
| End of Year Balance: | $\$ 568,788$ |
| Num Payments: | 12 |
| Annual Rate: | $3.25 \%$ |
| Monthly P \& I: | $\$ 3,482$ |

## Adjustable Summary Year 12

| Beginning of the Year Loan Balance: | $\$ 526,929$ |
| :--- | ---: |
| End of Year Balance: | $\$ 510,556$ |
| Num Payments: | 12 |
| Annual Rate: | $5.39 \%$ |
| ARM P \& I: | $\$ 3,698$ |

After 13 years, ARM saves you a total of \$37,370

## Fixed Summary Year 13

| Beginning of the Year Loan Balance: | $\$ 568,788$ |
| :--- | ---: |
| End of Year Balance: | $\$ 545,144$ |
| Num Payments: | 12 |
| Annual Rate: | $3.25 \%$ |
| Monthly P \& I: | $\$ 3,482$ |


| Fixed Summary |  |
| :--- | ---: |
| Initial Loan Amount: | $\$ 800,000$ |
| Remaining Loan Balance: | $\$ 545,144$ |
| Remaining Payments: | 204 |
| Adjusted Annual Rate: | $3.25 \%$ |
| Monthly P \& I: | $\$ 3,482$ |
|  |  |

## Fixed Summary

## Adjustable Summary Year 13

| Beginning of the Year Loan Balance: | $\$ 510,556$ |
| :--- | ---: |
| End of Year Balance: | $\$ 496,446$ |
| Num Payments: | 12 |
| Annual Rate: | $7.39 \%$ |
| ARM P \& I: | $\$ 4,281$ |

## Snapshot after the ARM adjusts in year 14, and we assume a scenario of a 5\% increase over the first 13 years:

| Adjustable Summary |  |
| :--- | ---: |
| Initial Loan Amount: | $\$ 800,000$ |
| Remaining Loan Balance: | $\$ 496,446$ |
| Remaining Payments: | 204 |
| Adjusted Annual Rate: | $7.39 \%$ |
| Monthly P \& I: | $\$ 4,281$ |Initial Loan Amount\$800,000

Remaing Payment\$4,281

Amortization Schedule - Fixed Loan

| Year | Amount | Interest | Principal | Balance |
| :---: | ---: | ---: | ---: | ---: |
| 11 | $\$ 459,624$ | $\$ 251,256$ | $\$ 208,315$ | $\$ 591,678$ |
| 12 | $\$ 501,408$ | $\$ 270,146$ | $\$ 231,204$ | $\$ 568,788$ |
| 13 | $\$ 543,192$ | $\$ 288,281$ | $\$ 254,848$ | $\$ 545,144$ |
| 14 | $\$ 584,976$ | $\$ 305,637$ | $\$ 279,274$ | $\$ 520,720$ |
| 15 | $\$ 626,760$ | $\$ 322,186$ | $\$ 304,504$ | $\$ 495,490$ |
| 16 | $\$ 668,544$ | $\$ 337,903$ | $\$ 330,566$ | $\$ 469,427$ |
| 17 | $\$ 710,328$ | $\$ 352,759$ | $\$ 357,487$ | $\$ 442,505$ |
| 18 | $\$ 752,112$ | $\$ 366,729$ | $\$ 385,297$ | $\$ 414,695$ |
| 19 | $\$ 793,896$ | $\$ 379,781$ | $\$ 414,026$ | $\$ 385,967$ |
| 20 | $\$ 835,680$ | $\$ 391,885$ | $\$ 443,701$ | $\$ 356,292$ |
| 21 | $\$ 877,464$ | $\$ 403,011$ | $\$ 474,357$ | $\$ 325,638$ |
| 22 | $\$ 919,248$ | $\$ 413,126$ | $\$ 506,023$ | $\$ 293,972$ |
| 23 | $\$ 961,032$ | $\$ 422,196$ | $\$ 538,733$ | $\$ 261,262$ |
| 24 | $\$ 1,002,816$ | $\$ 430,188$ | $\$ 572,522$ | $\$ 227,473$ |
| 25 | $\$ 1,044,600$ | $\$ 437,064$ | $\$ 607,425$ | $\$ 192,569$ |
| 26 | $\$ 1,086,384$ | $\$ 442,788$ | $\$ 643,479$ | $\$ 156,514$ |
| 27 | $\$ 1,128,168$ | $\$ 447,324$ | $\$ 680,724$ | $\$ 119,269$ |
| 28 | $\$ 1,169,952$ | $\$ 40,630$ | $\$ 719,197$ | $\$ 80,796$ |
| 29 | $\$ 1,211,736$ | $\$ 452,664$ | $\$ 758,938$ | $\$ 41,054$ |
| 30 | $\$ 1,253,520$ | $\$ 453,390$ | $\$ 799,992$ | $\$ 0$ |

## Balance

| Difference |
| ---: |
| $\$ 65,601$ |
| $\$ 56,492$ |
| $\$ 37,370$ |
| $\$ 18,547$ |
| $\$ 79$ |
| $\$-17,971$ |
| $\$-35,535$ |
| $\$-52,539$ |
| $\$-68,811$ |
| $\$-72,356$ |
| $\$-76,730$ |
| $\$-82,036$ |
| $\$-88,391$ |
| $\$-95,922$ |
| $\$-104,763$ |
| $\$-115,065$ |
| $\$-126,989$ |
| $\$-140,710$ |
| $\$-156,420$ |
| $\$-174,324$ |

Amortization Schedule - Adjustable Loan

| Year | Amount | Interest | Principal | Balance |
| ---: | ---: | ---: | ---: | ---: |
| 11 | $\$ 458,772$ | $\$ 185,661$ | $\$ 273,075$ | $\$ 526,929$ |
| 12 | $\$ 503,148$ | $\$ 213,664$ | $\$ 289,447$ | $\$ 510,556$ |
| 13 | $\$ 554,520$ | $\$ 250,923$ | $\$ 303,559$ | $\$ 496,446$ |
| 14 | $\$ 605,892$ | $\$ 287,104$ | $\$ 318,748$ | $\$ 481,257$ |
| 15 | $\$ 657,264$ | $\$ 322,122$ | $\$ 335,097$ | $\$ 464,907$ |
| 16 | $\$ 708,636$ | $\$ 355,892$ | $\$ 352,697$ | $\$ 447,306$ |
| 17 | $\$ 760,008$ | $\$ 388,315$ | $\$ 371,643$ | $\$ 428,360$ |
| 18 | $\$ 811,380$ | $\$ 419,289$ | $\$ 392,038$ | $\$ 407,966$ |
| 19 | $\$ 862,752$ | $\$ 448,703$ | $\$ 413,990$ | $\$ 386,012$ |
| 20 | $\$ 914,124$ | $\$ 476,440$ | $\$ 437,623$ | $\$ 362,380$ |
| 21 | $\$ 965,496$ | $\$ 502,371$ | $\$ 463,061$ | $\$ 336,940$ |
| 22 | $\$ 1,016,868$ | $\$ 526,355$ | $\$ 490,447$ | $\$ 309,556$ |
| 23 | $\$ 1,068,240$ | $\$ 548,244$ | $\$ 519,924$ | $\$ 280,079$ |
| 24 | $\$ 1,119,612$ | $\$ 567,881$ | $\$ 551,655$ | $\$ 248,347$ |
| 25 | $\$ 1,170,984$ | $\$ 585,091$ | $\$ 585,813$ | $\$ 214,190$ |
| 26 | $\$ 1,222,356$ | $\$ 599,691$ | $\$ 622,583$ | $\$ 177,421$ |
| 27 | $\$ 1,273,728$ | $\$ 611,479$ | $\$ 662,164$ | $\$ 137,840$ |
| 28 | $\$ 1,325,100$ | $\$ 620,242$ | $\$ 704,772$ | $\$ 95,234$ |
| 29 | $\$ 1,376,472$ | $\$ 625,748$ | $\$ 750,634$ | $\$ 49,370$ |
| 30 | $\$ 1,427,844$ | $\$ 627,746$ | $\$ 800,006$ | $\$ 0$ |

