
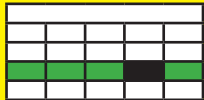


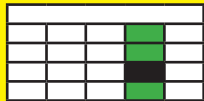
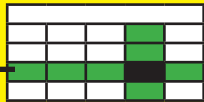
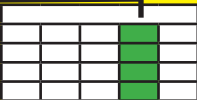

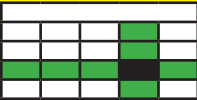


Worksheets A9.a-c: For use with Table 10.5 (Interest Saved on a 30-year Mortgage).

<b>(a) Determining an Additional Monthly Payment</b>	
<b>Inputs Needed:</b> <i>Principal, Interest Saved, Rate</i>	
1. Enter <i>Principal</i> (in dollars):	
2. Divide Box 1 by 10,000.	
3. Enter <i>Interest Saved</i> (in dollars):	
4. Divide Box 3 by Box 2.	
5. Enter <i>Rate</i> (in annual percent):	
6. Locate row with <i>Rate</i> .	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"><b>Rate</b> —</div>  </div>
7. Find value in the rate row closest to the value in Box 4.	
8. Enter value from the column heading:	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"><b>Column Heading</b> —</div>  </div>
9. Multiply Box 7 by Box 2 for the <i>Additional Monthly Payment</i> :	

<b>(b) Determining a Rate</b>	
<b>Inputs Needed:</b> <i>Principal, Additional Monthly Payment, Interest Saved</i>	
1. Enter <i>Principal</i> (in dollars):	
2. Divide Box 1 by 10,000.	
3. Enter <i>Additional Monthly Payment</i> :	
4. Divide Box 3 by Box 2.	
5. Enter <i>Interest Saved</i> (in dollars):	
6. Divide Box 5 by Box 2.	
7. Find a column with a heading closest to the value in Box 4.	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"><b>Column Heading</b> —</div>  </div>
8. Find the value in the column closest to the value in Box 6.	
9. Result is the <i>Rate</i> for the corresponding row:	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"><b>Rate</b> —</div>  </div>

For examples see Chapter 10: Examples 10.12 through 10.14 and 10.16.

<b>(c) Determining Interest Saved</b>	
<b>Inputs Needed:</b> <i>Principal, Additional Monthly Payment, Rate</i>	
1. Enter <i>Principal</i> (in dollars):	
2. Divide Box 1 by 10,000.	
3. Enter <i>Additional Monthly Payment</i> :	
4. Divide Box 3 by Box 2.	
5. Enter <i>Rate</i> (in annual percent):	
6. Find a column with a heading closest to the value in Box 4.	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"><b>Column Heading</b></div>  </div>
7. Locate the row with <i>Rate</i> .	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"><b>Rate</b></div>  </div>
8. Enter value from the row-column intersection:	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"></div>  </div>
9. Multiply Box 7 by Box 2 for the <i>Interest Saved</i> :	