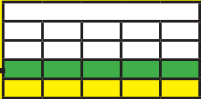



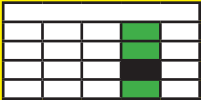
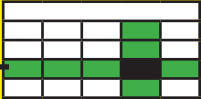
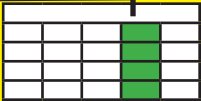

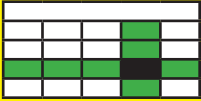
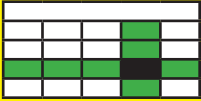


Worksheets A8.a-c—For use with Table 10.4 (30-year Mortgage Acceleration Table).

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

(b) Determining a Rate	
Inputs Needed: Principal, Additional Monthly Payment, Time	
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>Time</i> (in years):	
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;">Column Heading —</div>  </div>
7. Find the value in the column closest to the value in Box 5.	
8. Result is the <i>Rate</i> for the corresponding row:	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Rate —</div>  </div>

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

(c) Determining a Time					
Inputs Needed: <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;">Column Heading</div>  </div>				
7. Find the value in the row closest to the value in Box 5.	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Rate</div>  </div>				
8. Result is the <i>Time</i> in the box at the row-column intersection:	<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> <tr> <td style="text-align: center;">Time</td> <td>  </td> </tr> </table>			Time	
Time	