Attributes	Description
	hashValue attribute. *end example*]
	The possible values for this attribute are defined by the W3C XML Schema unsignedInt datatype.
sqref (Sequence of References)	The range to be protected.
	The possible values for this attribute are defined by the ST_Sqref simple type (§18.18.76).

[*Note*: The W3C XML Schema definition of this element's content model (CT_ProtectedRange) is located in §A.2. *end note*]

18.3.1.72 protectedRanges (Protected Ranges)

This collection specifies all protected ranges on this worksheet.

[*Example*:

This example demonstrates that A1:C5 have been protected, with no password specified.

```
<protectedRanges>
  <protectedRange sqref="A1:C5" name="Range1"/>
</protectedRanges>
```

end example]

[*Note*: The W3C XML Schema definition of this element's content model (CT_ProtectedRanges) is located in §A.2. *end note*]

18.3.1.73 row (Row)

The element expresses information about an entire row of a worksheet, and contains all cell definitions for a particular row in the worksheet.

[*Example*:

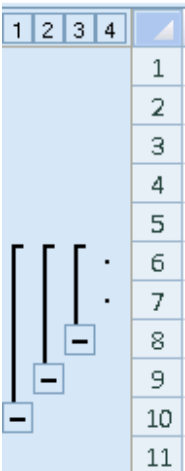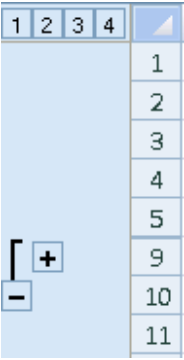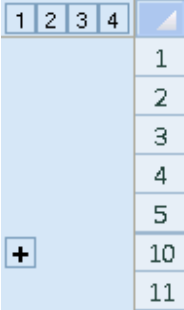This row expresses information about row 2 in the worksheet, and contains 3 cell definitions.

```
<row r="2" spans="2:12">
  <c r="C2" s="1">
    <f>PMT(B3/12,B4,-B5)</f>
    <v>672.68336574300008</v>
  </c>
  <c r="D2">
    <v>180</v>
  </c>
```

```
    <c r="E2">
      <v>360</v>
    </c>
  </row>
```

end example]

Attributes	Description

collapsed (Collapsed)	1 if the rows 1 level of outlining deeper than the current row are in the collapsed outline state. It means that the rows which are 1 outline level deeper (numerically higher value) than the current row are currently hidden due to a collapsed outline state.
	
	It is possible for collapsed to be `false` and yet still have the rows in question hidden. This can be achieved by having a lower outline level collapsed, thus hiding all the child rows.
	
	[*Example*:
	This example shows 3 levels of outlining:
	
	In the XML must be:
	`    <sheetData>`
	`      <row r="6" outlineLevel="3"/>`
	`      <row r="7" outlineLevel="3"/>`
	`      <row r="8" outlineLevel="2"/>`
	`      <row r="9" outlineLevel="1"/>`
	`    </sheetData>`
	
	end example]
	
	[*Example*:
	This example shows the same outline feature, with the middle level collapsed:

Attributes	Description

In the XML must be:

```
<sheetData>
  <row r="6" hidden="1" outlineLevel="3"/>
  <row r="7" hidden="1" outlineLevel="3"/>
  <row r="8" hidden="1" outlineLevel="2"/>
  <row r="9" outlineLevel="1" collapsed="1"/>
</sheetData>
```

end example]

[*Example*:
This example shows the same outline feature as above, where both the middle and lowest level are collapsed:

In the XML must be:

```
<sheetData>
  <row r="6" hidden="1" outlineLevel="3"/>
  <row r="7" hidden="1" outlineLevel="3"/>
  <row r="8" hidden="1" outlineLevel="2"/>
  <row r="9" hidden="1" outlineLevel="1" collapsed="1"/>
  <row r="10" collapsed="1"/>
</sheetData>
```

Note that in this case, if the lowest level were expanded, the middle level would remain

Attributes	Description
	collapsed due to collapsed being `true` on row 9. *end example*] See description of outlinePr element's summaryBelow and summaryRight attributes for detailed information. The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
customFormat (Custom Format)	1 if the row style should be applied. The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
customHeight (Custom Height)	1 if the row height has been manually set. The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
hidden (Hidden)	1 if the row is hidden, e.g., due to a collapsed outline or by manually selecting and hiding a row. The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
ht (Row Height)	Row height measured in point size. There is no margin padding on row height. The possible values for this attribute are defined by the W3C XML Schema double datatype.
outlineLevel (Outline Level)	Outlining level of the row, when outlining is on. See description of outlinePr element's summaryBelow and summaryRight attributes for detailed information. The possible values for this attribute are defined by the W3C XML Schema unsignedByte datatype.
ph (Show Phonetic)	1 if the row should show phonetic. The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
r (Row Index)	Row index. Indicates to which row in the sheet this <row> definition corresponds. The possible values for this attribute are defined by the W3C XML Schema unsignedInt datatype.
s (Style Index)	Index to style record for the row (only applied if customFormat attribute is '1') The possible values for this attribute are defined by the W3C XML Schema unsignedInt datatype.