In[1]:=
```
SS[offset_, length_, high_] := Table[
    {x, high * Sin[x * π + offset * π]},
    {x, 0, length, 0.03}];
A1 = SS[0, 3, 1];
A2 = SS[2/3, 3, 1];
A3 = SS[-2/3, 3, 1];
LL[x_] := Line[{x, -1.1}, {x, 1.1}];
L1 = LL[1/3 π];
AAA = ListPlot[{A1, A2, A3},
   GridLines → {{
      {1/6, Green},
      {2/6, Green},
      {3/6, Green},
      {4/6, Green},
      {5/6, Green},
      {7/6, Green},
      {8/6, Green},
      {9/6, Green},
      {10/6, Green},
      {11/6, Green},
      {1, Red},
      {2, Red},
      {3, Red}
     }, None}
   ,
   PlotMarkers → {"A", "C", "B"}
  ];
TC[x_, offset_] := If[(x + offset) > 24,
   (x - 1 + offset) - 24,
   If[(x + offset) > 12,
    (x - 1 + offset) - 12, (x - 1 + offset)]];
TS[abc_, x_, offset_] := abc <> ToString[TC[x, offset]];
TT[abc_, offs_, high_] :=
```

```
  Table[Graphics[Text[TS[abc, x, offs], {(x - 0.5) / 6, high}]], {x, 1, 12}];
CCa = TT["A", 0, -1.1];
CCb = TT["B", 8, -1.2];
CCc = TT["C", 16, -1.3];
Show[AAA, CCa, CCb, CCc
 , PlotRange → All
]
```

Out[14]=