

```

In[811]:= SS[offset_, length_, high_] := Table[
    {x, high * Sin[x *  $\pi$  + offset *  $\pi$ ]},
    {x, 0, length, 0.03}];
A1 = SS[0, 3, 1];
A2 = SS[ $\frac{2}{3}$ , 3, 1];
A3 = SS[- $\frac{2}{3}$ , 3, 1];
LL[x_] := Line[{x, -1.1}, {x, 1.1}];
L1 = LL[ $\frac{1}{3}\pi$ ];
AAA = ListPlot[{A1, A2, A3},
    GridLines -> {{
        { $\frac{1}{6}$ , Green},
        { $\frac{2}{6}$ , Green},
        { $\frac{3}{6}$ , Green},
        { $\frac{4}{6}$ , Green},
        { $\frac{5}{6}$ , Green},
        { $\frac{7}{6}$ , Green},
        { $\frac{8}{6}$ , Green},
        { $\frac{9}{6}$ , Green},
        { $\frac{10}{6}$ , Green},
        { $\frac{11}{6}$ , Green},
        {1, Red},
        {2, Red},
        {3, Red}
    }}, None}
    ,
    PlotMarkers -> {"A", "C", "B"}
];
TC[x_, offset_] := If[(x + offset) > 24,
    (x + offset) - 24,
    If[(x + offset) > 12,
        (x + offset) - 12, (x + 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
]

```

