

```

In[78]:= 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}]

```

