In[77]:= $A[n\_] = (-2)^n$

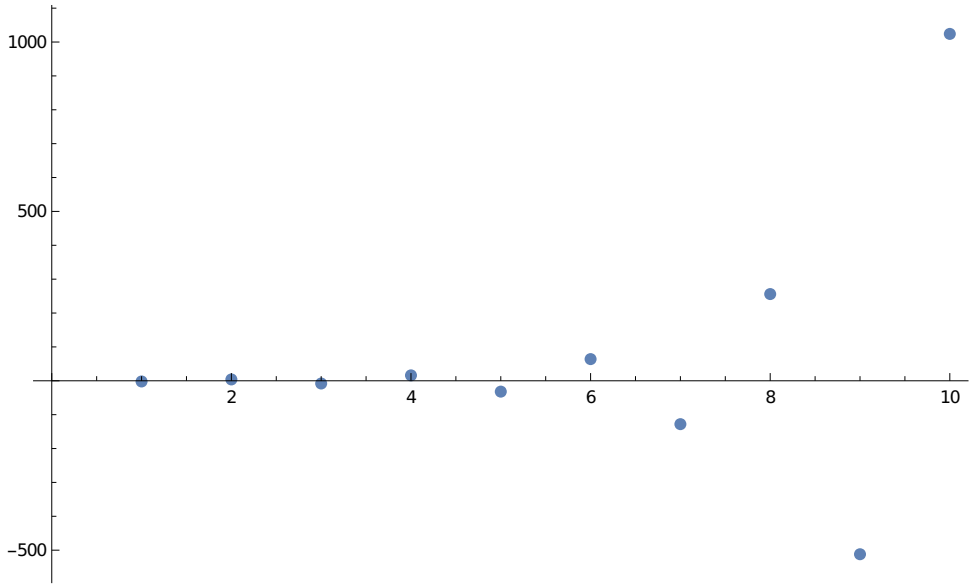
$(-2)^n$

In[78]:= $B[k\_] = \sum_{n=1}^{k} A[n]$

Plot of the succession:

In[79]:=
```
ListPlot[Table[A[n], {n, 1, 10}], Prolog → AbsolutePointSize[5]]
```

Out[79]=



Plot of the partial sequences:

In[80]:=
```
ListPlot[Table[B[n], {n, 1, 10}], Prolog → AbsolutePointSize[5]]
```

Out[80]=