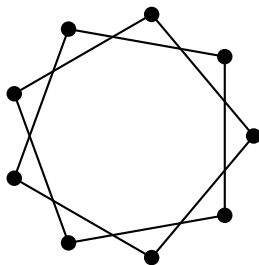$(9, 2)$

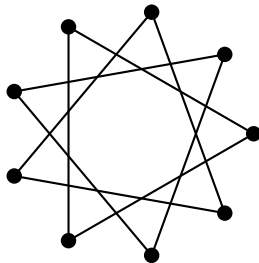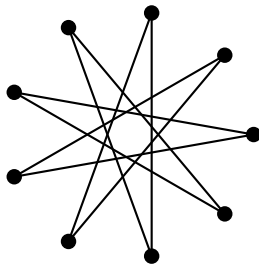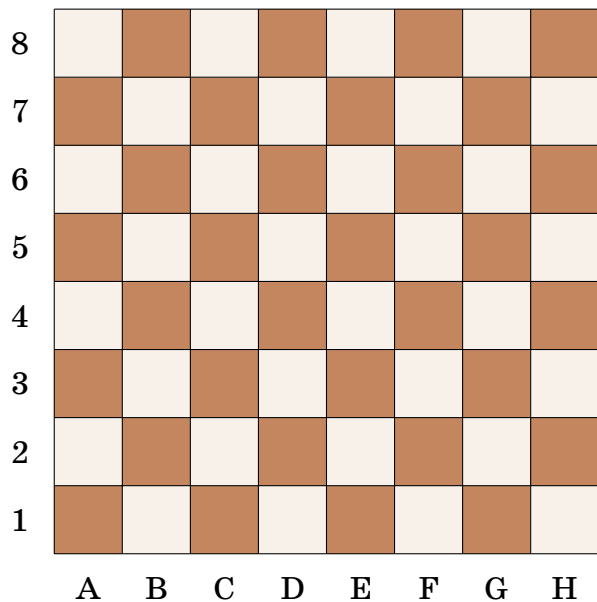$(9, 3)$

$(9, 4)$

```
\foreach \j in {2,3,4} {
  \begin{scope}[yshift=-4.3 * \j cm]
    \draw (-1.6,1.4) node[left]{\( (9,\j) \)};

    \foreach \i in {0,...,8} {

      \fill[black] (360/9 * \i : 1.6cm)
        circle[radius=1mm];

      \draw[thick] (360/9 * \i : 1.6cm) --
        ({360/9 * (\i + \j)} : 1.6cm);

    }
  \end{scope}
}
```

```
\foreach \x in {0,...,7}
  \foreach \y in {0,...,7} {
    \ifthenelse{\intcalcMod{\x+\y}{2}=0}
      {\fill[RawSienna!55!white]
            (\x,\y) rectangle ++(1,1);}
      {\fill[RawSienna!5!white]
            (\x,\y) rectangle ++(1,1);}
  }


\foreach \i in {1,...,8} {
  \draw (\i-0.5, -0.5) node{\AlphAlph{\i}}
        (-0.5, \i-0.5) node{\i};
}


\foreach \i in {0,...,8} {
  \draw (0,\i) -- (8,\i) (\i,0) -- (\i,8);
}
```