By Kruskal

Sort edges by weight

Try to use each edge (in that order) in an MST

Ignore edge if causes cycle

By Prim

Pick start S

Build tree out from S

Until tree is spanning

Add node which is closest to tree

Update neighbors
\[ \text{findset}(E(g)) \]

\[ \log \log \log \ldots \log n \leq 1 \]

\[ k \left\{ \frac{a_i}{2} \right\} \geq n \]

\[ k = 1 \]

\[ \frac{2^n}{2} = 4 \]

\[ 2^4 = 16 \]

\[ 2^{16} = 256 \]
J - C
Kruskal