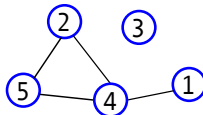
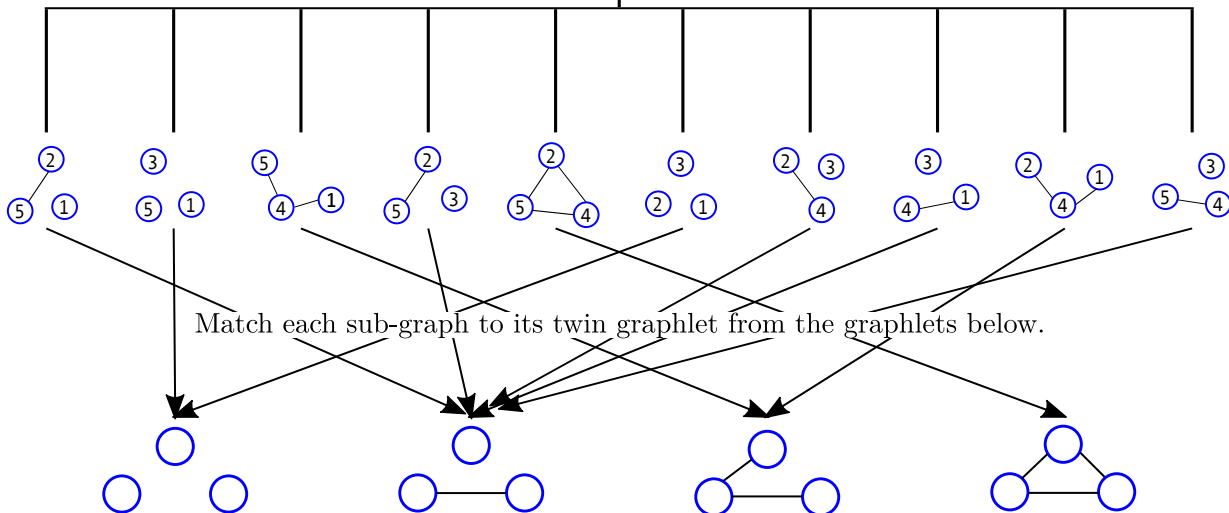


A graph  $\mathcal{G}$  from the dataset.



*Graphlet kernel*

Enumerate all sub-graphs of size  $k = 3$  in  $\mathcal{G}$ .



Match each sub-graph to its twin graphlet from the graphlets below.

$$\mathbf{f}_{\mathcal{G}} = \frac{1}{10} * \begin{bmatrix} 2 & 5 & 2 & 1 \end{bmatrix}$$

The normalized histogram  $\mathbf{f}_{\mathcal{G}}$  is the representation vector for  $\mathcal{G}$ .