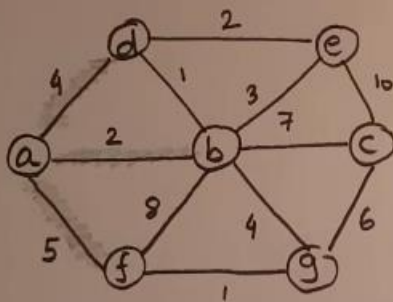# Minimum Spanning Tree

SUBGRAPH
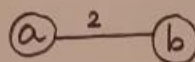
↳ ALL vertices
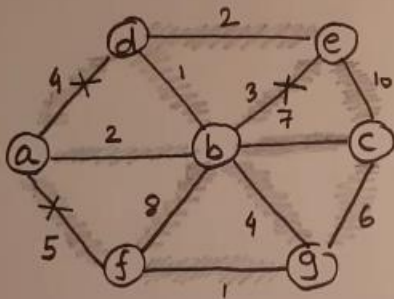
↳ Connected

↳ NO CYCLES

Min? ∮ wts.edges is min

Prim — Minimum Spanning Tree

① Choose an arbitrary start vertex

② Keep including connected edges

Prim - Minimum Spanning Tree

1. Choose an arbitrary start vertex

2. Keep including connected min edges [NO CYCLE]