

# Homework 5: Graph Visualization

**Objective:** Create a network visualization.

**Task 1:** Draw the flows between nodes given this dataset. For edges with weights attached, draw line thickness that is commensurate with the value. Draw all nodes (including isolates). Use arrows if it's a directed flow. Use self-loops. Insert a key to show the values that represent different line thicknesses.

	a	b	c	d	e	f	g	h
a	1	2	1	0	0	1	0	0
b	0	2	0	0	0	0	0	0
c	0	0	2	1	0	0	3	0
d	0	1	0	1	1	1	1	0
e	1	0	0	2	0	0	3	0
f	1	0	0	0	3	0	4	0
g	1	0	3	0	4	0	0	0
h	0	0	0	0	0	0	0	0

**Turn in to Canvas:** A picture of your hand drawn graph and key.