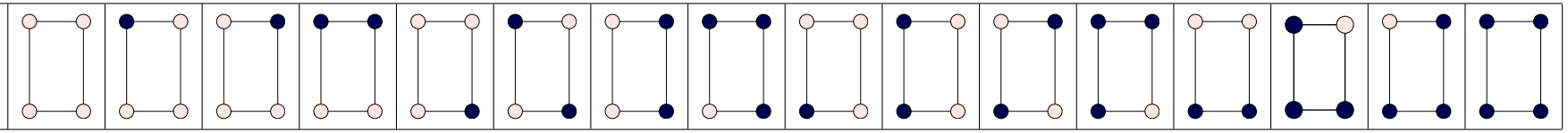
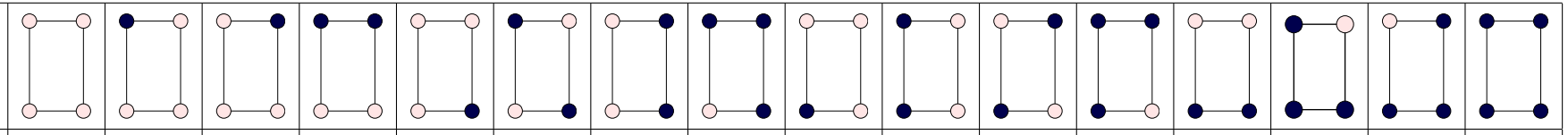
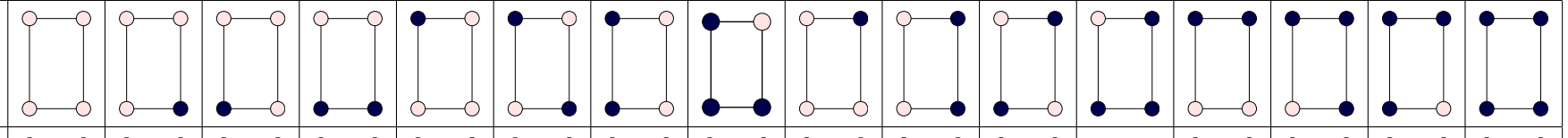
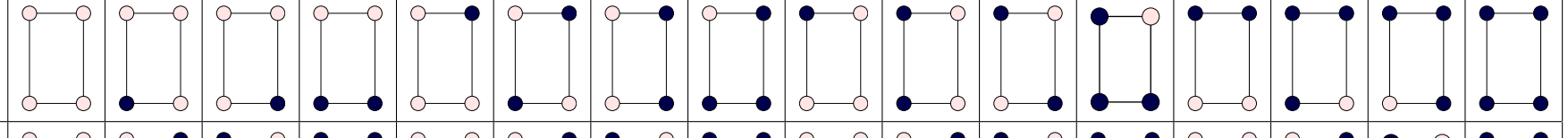
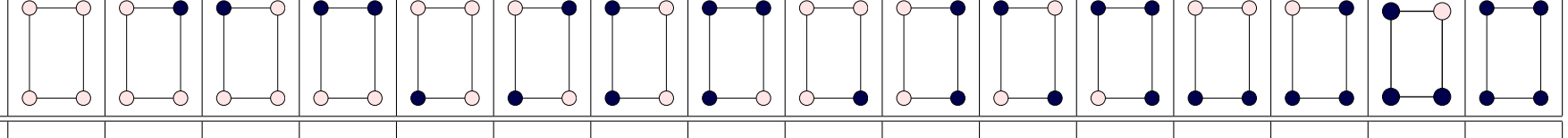
Problem Set 11 Handout #1

Original																
Rot 0° ↺ (Identity)																
Rot 180° ↺																
Reflect ·····																
Reflect ⋮																
Row 1 Size of orbit of this coloring	1		4													
Row 2 # of symmetries of this coloring (incl. identity)			1													
Row 3 Reciprocal of the # in row 1			$\frac{1}{4}$													
Row 4 The # in row 3 rewritten as...	$\frac{\quad}{4}$	$\frac{\quad}{4}$	$\frac{1}{4}$	$\frac{\quad}{4}$	$\frac{\quad}{4}$	$\frac{\quad}{4}$	$\frac{\quad}{4}$	$\frac{\quad}{4}$	$\frac{\quad}{4}$	$\frac{\quad}{4}$	$\frac{\quad}{4}$	$\frac{\quad}{4}$	$\frac{\quad}{4}$	$\frac{\quad}{4}$	$\frac{\quad}{4}$	$\frac{\quad}{4}$