0-simplices   {1}   {2}   {3}   {4}   {5}   {12}   {23}   {34}   {45}   {15}

1-simplices   {12,1}   {12,2}   {23,2}   {23,3}   {34,3}   {34,4}   {45,4}   {45,5}   {15,5}   {15,1}
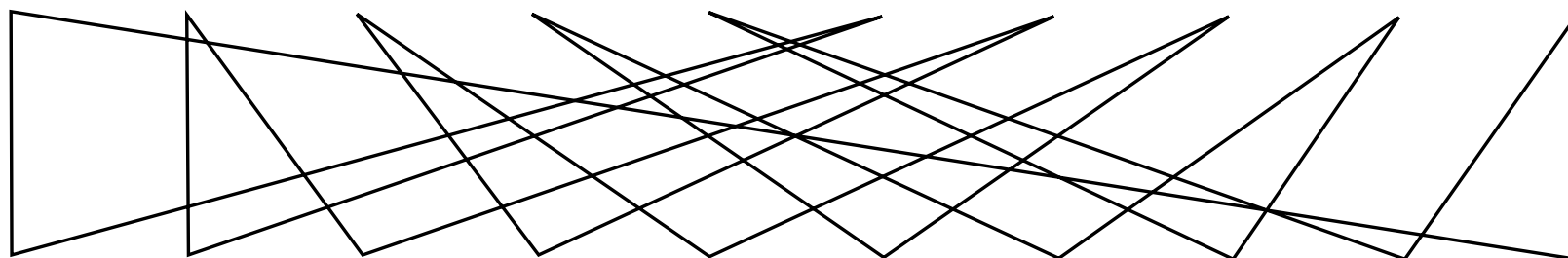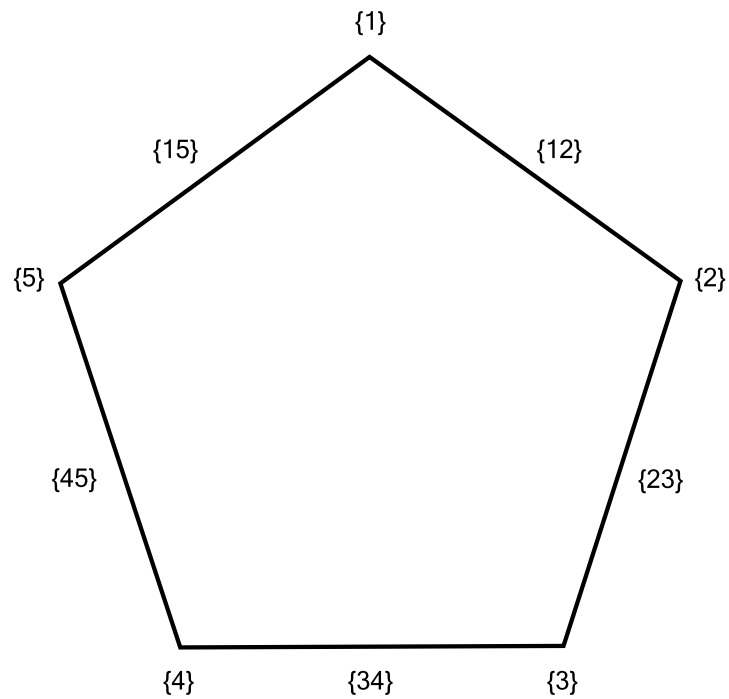
0-simplices

$\{1\}$ $\{2\}$ $\{3\}$ $\{4\}$ $\{5\}$ $\{12\}$ $\{23\}$ $\{34\}$ $\{45\}$ $\{15\}$
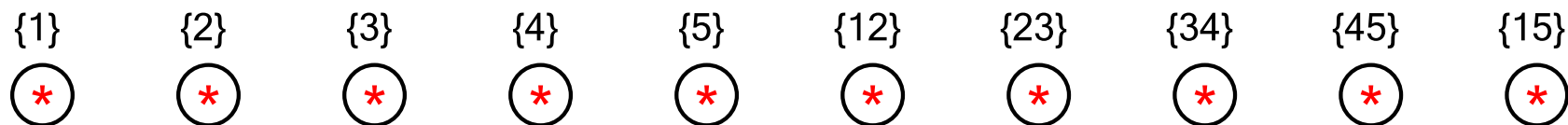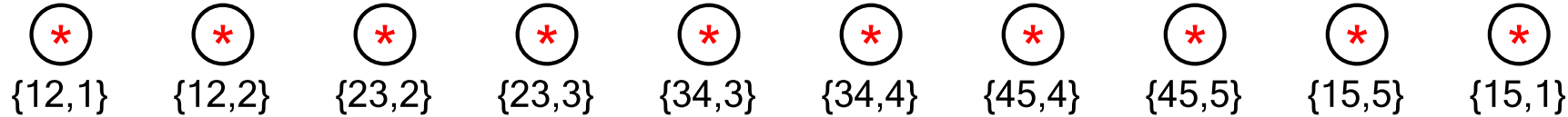
1-simplices

$\{12,1\}$ $\{12,2\}$ $\{23,2\}$ $\{23,3\}$ $\{34,3\}$ $\{34,4\}$ $\{45,4\}$ $\{45,5\}$ $\{15,5\}$ $\{15,1\}$
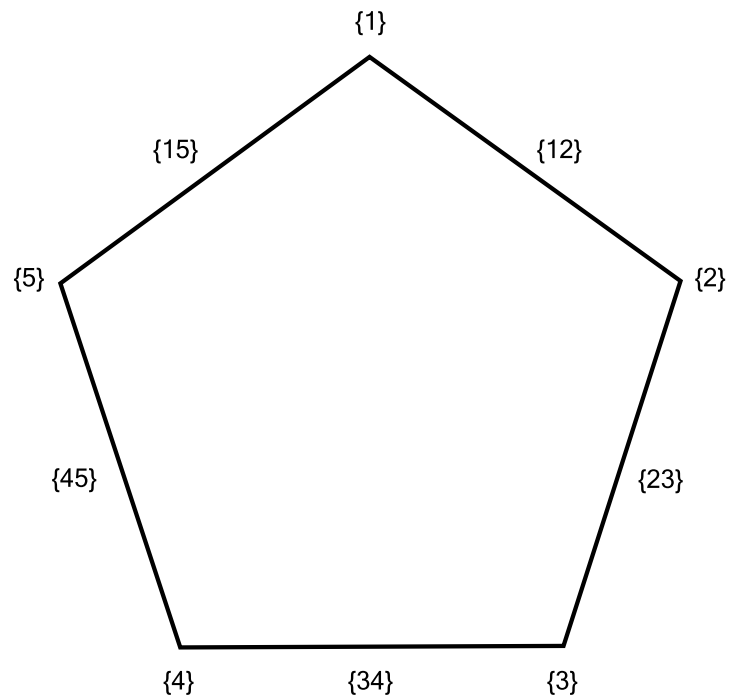
0-simplices
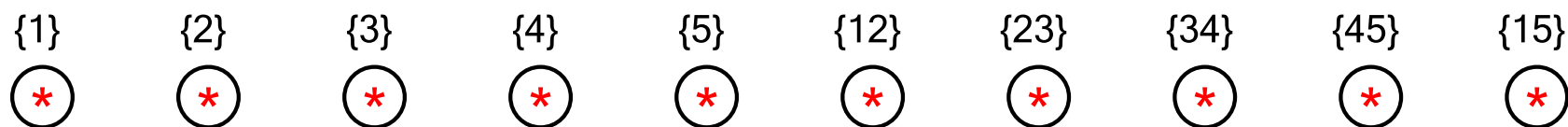
{1} {2} {3} {4} {5} {12} {23} {34} {45} {15}

1-simplices

{12,1} {12,2} {23,2} {23,3} {34,3} {34,4} {45,4} {45,5} {15,5} {15,1}
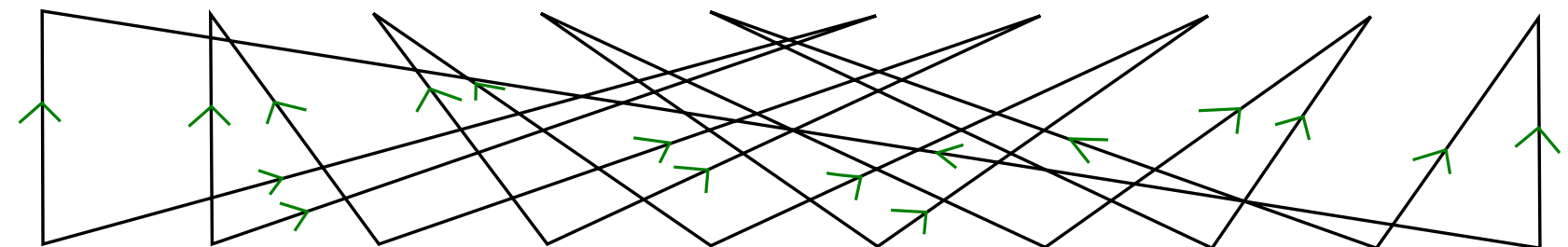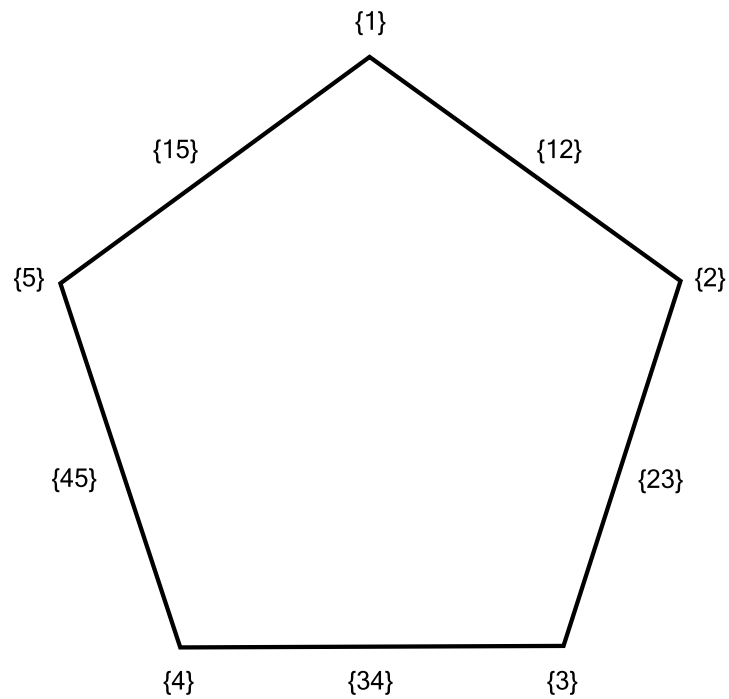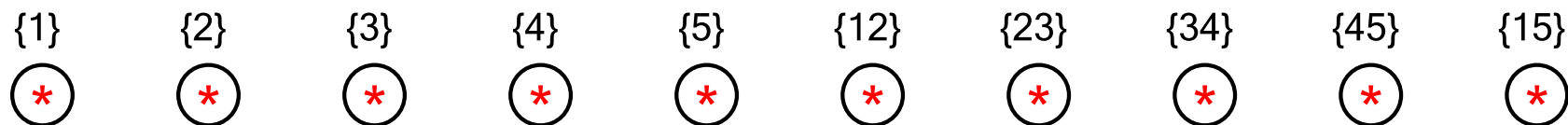
$C_0(\mathcal{F})$
(formal direct sum of presheaf terms at 0-simplices)

$C_1(\mathcal{F})$
(formal direct sum of presheaf terms at 1-simplices)

{1} {2} {3} {4} {5} {12} {23} {34} {45} {15}

{12,1} {12,2} {23,2} {23,3} {34,3} {34,4} {45,4} {45,5} {15,5} {15,1}

{1}

{15}   {12}

{5}   {2}

{45}   {23}

{4}   {34}   {3}

0

∂_0

$C_0(\mathcal{F})$
(formal direct sum of presheaf
terms at 0-simplices)

{1}   {2}   {3}   {4}   {5}   {12}   {23}   {34}   {45}   {15}

∂_1

$C_1(\mathcal{F})$
(formal direct sum of presheaf
terms at 1-simplices)

{12,1}   {12,2}   {23,2}   {23,3}   {34,3}   {34,4}   {45,4}   {45,5}   {15,5}   {15,1}

0