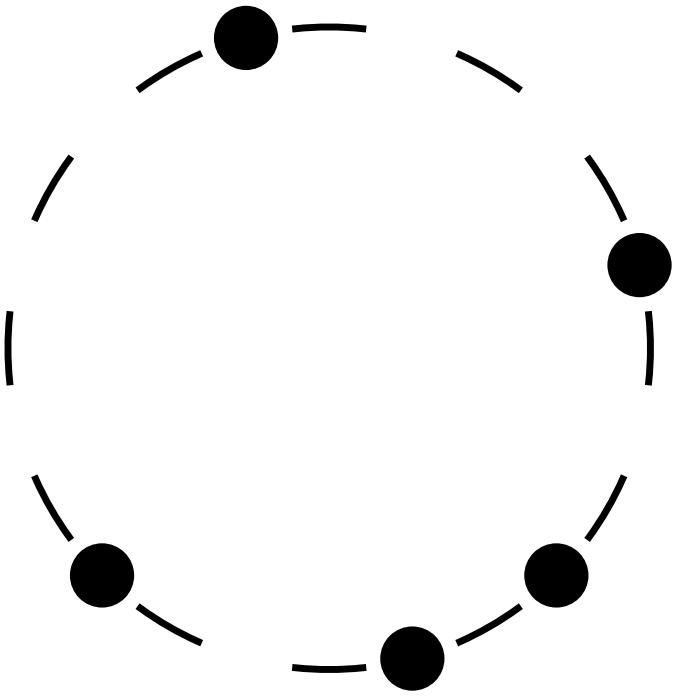
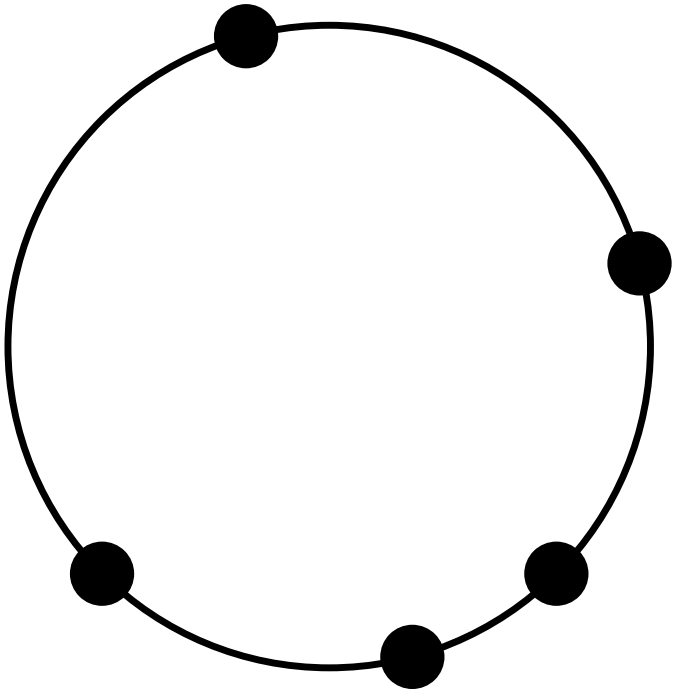
In[259]:=
```
circle12[centre_: {0, 0}, radius_: 1] :=
 {Thickness -> 0.01, Circle[centre, radius, #]} & /@
  Table[π/6 {(n + 1 - 0.2), (n + 1 + 0.2)}, {n, 1, 12}]
ringFromNoteList[l_] := Graphics[
  {Disk[#, 0.1] & /@ CirclePoints[12][[l]], circle12[]}]
ringFromNoteList[{1, 2, 4, 7, 11}]
```

Out[261]=



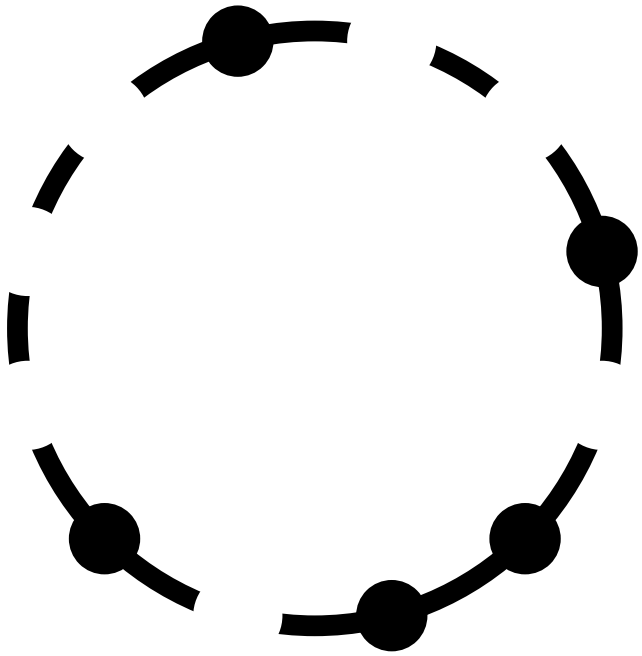
In[268]:=
```
circle0[centre_: {0, 0}, radius_: 1] :=
 {Thickness -> 0.01, Circle[centre, radius]}
ringFromNoteList[l_] :=
 Graphics[{Disk[#, 0.1] & /@ CirclePoints[12][[l]], circle0[]}]
ringFromNoteList[{1, 2, 4, 7, 11}]
```

Out[270]=



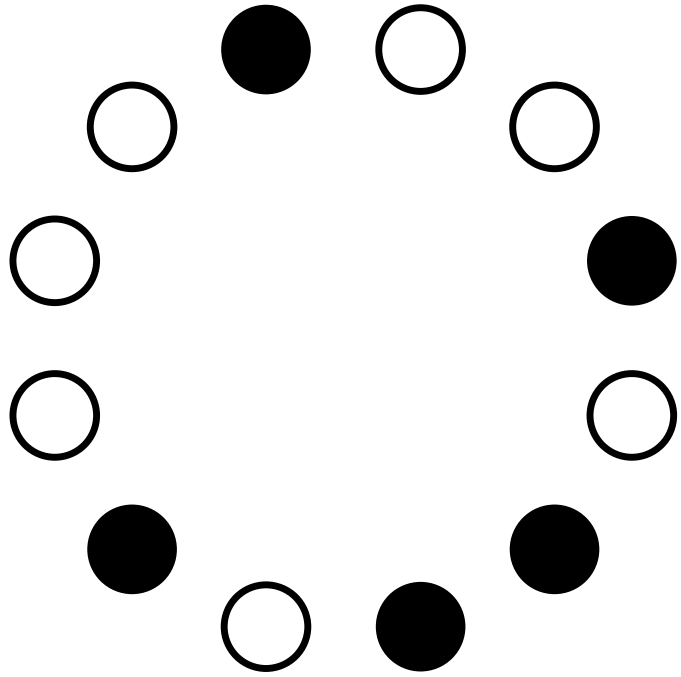
In[353]:=
```
circle0[centre_: {0, 0}, radius_: 1] :=
 {Thickness -> 0.03, Circle[centre, radius]}
complementaryNoteList[l_] := Complement[Range[12], l]
ringFromNoteList[l_] :=
 Graphics[{{Black, Disk[#, 0.12] & /@ CirclePoints[12][[l]]}, circle0[],
   {White, Disk[#, 0.15] & /@ CirclePoints[12][[complementaryNoteList[l]]]}}]
ringFromNoteList[{1, 2, 4, 7, 11}]
```

Out[356]=



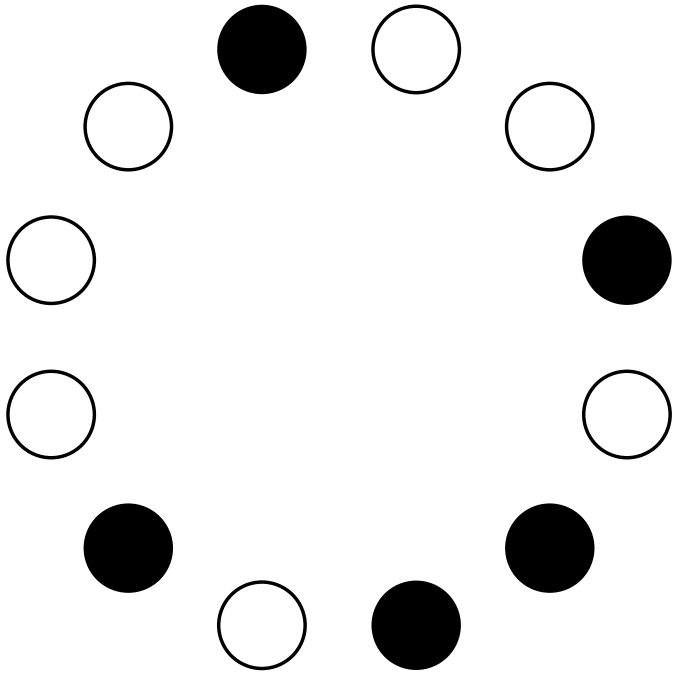
In[406]:=
```
whiteDotLineThickness = 0.01;
blackDotRadius = 0.15;
whiteDotRadius = blackDotRadius - whiteDotLineThickness;
ringFromNoteList[l_] :=
 Graphics[{{Black, Disk[#, blackDotRadius] & /@ CirclePoints[12][[l]]},
   {White, EdgeForm[Thickness[whiteDotLineThickness]],
    Disk[#, whiteDotRadius] & /@ CirclePoints[12][[complementaryNoteList[l]]]}}]
ringFromNoteList[{1, 2, 4, 7, 11}]
```

Out[410]=



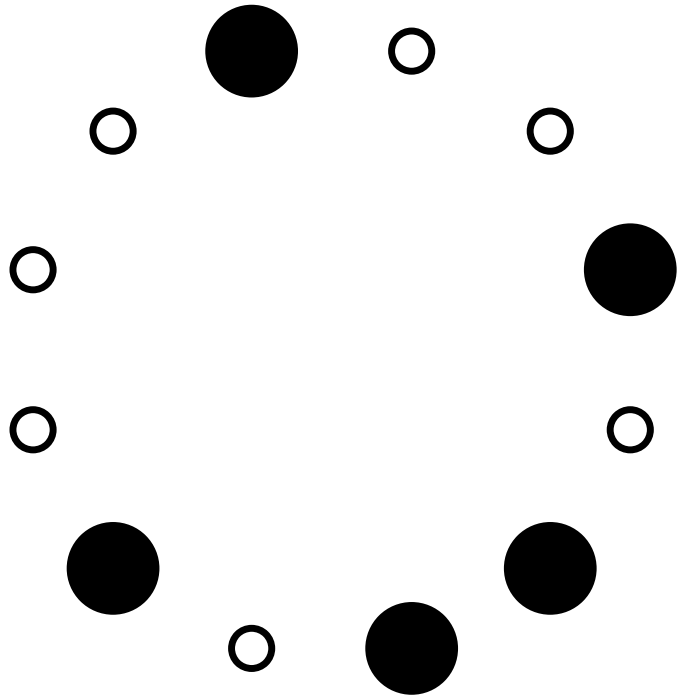
In[411]:=
```
whiteDotLineThickness = 0.005;
blackDotRadius = 0.15;
whiteDotRadius = blackDotRadius - whiteDotLineThickness;
ringFromNoteList[l_] :=
 Graphics[{{Black, Disk[#, blackDotRadius] & /@ CirclePoints[12][[l]]},
   {White, EdgeForm[Thickness[whiteDotLineThickness]],
    Disk[#, whiteDotRadius] & /@ CirclePoints[12][[complementaryNoteList[l]]]}}]
ringFromNoteList[{1, 2, 4, 7, 11}]
```

Out[415]=



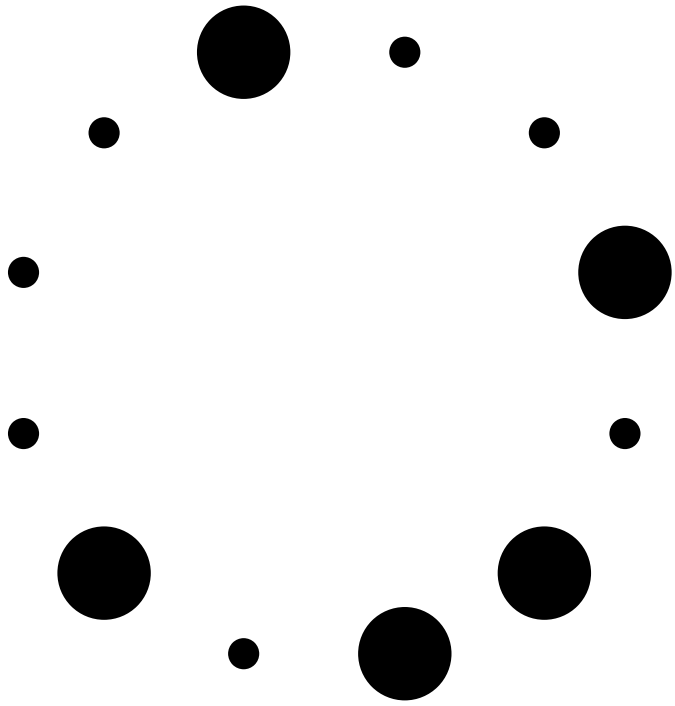
In[416]:=
```
whiteDotLineThickness = 0.01;
blackDotRadius = 0.15;
whiteDotRadius = 0.065;
ringFromNoteList[l_] :=
 Graphics[{{Black, Disk[#, blackDotRadius] & /@ CirclePoints[12][[l]]},
   {White, EdgeForm[Thickness[whiteDotLineThickness]],
    Disk[#, whiteDotRadius] & /@ CirclePoints[12][[complementaryNoteList[l]]]}}]
ringFromNoteList[{1, 2, 4, 7, 11}]
```

Out[420]=



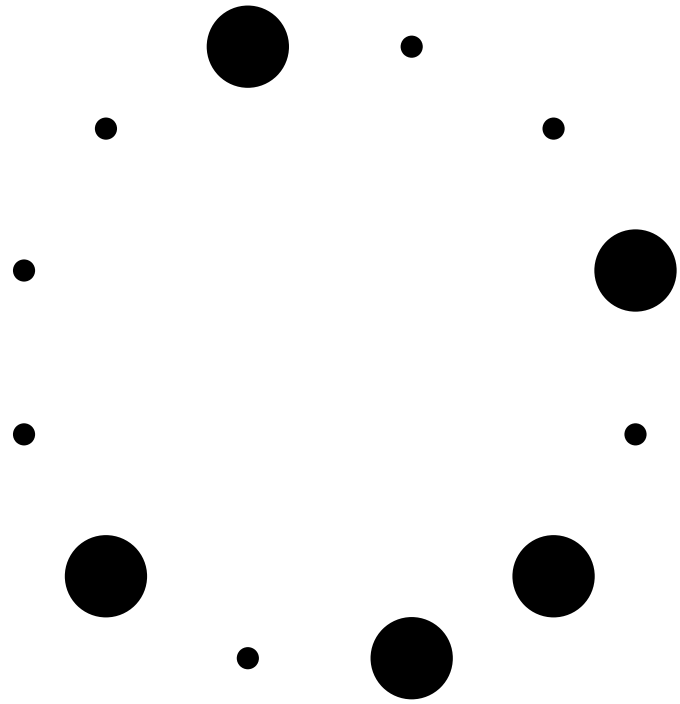
In[426]:=
```
whiteDotLineThickness = 0.01;
blackDotRadius = 0.15;
whiteDotRadius = 0.05;
ringFromNoteList[l_] :=
 Graphics[{{Black, Disk[#, blackDotRadius] & /@ CirclePoints[12][[l]]}, {Black,
    Disk[#, whiteDotRadius] & /@ CirclePoints[12][[complementaryNoteList[l]]]}}]
ringFromNoteList[{1, 2, 4, 7, 11}]
```

Out[430]=



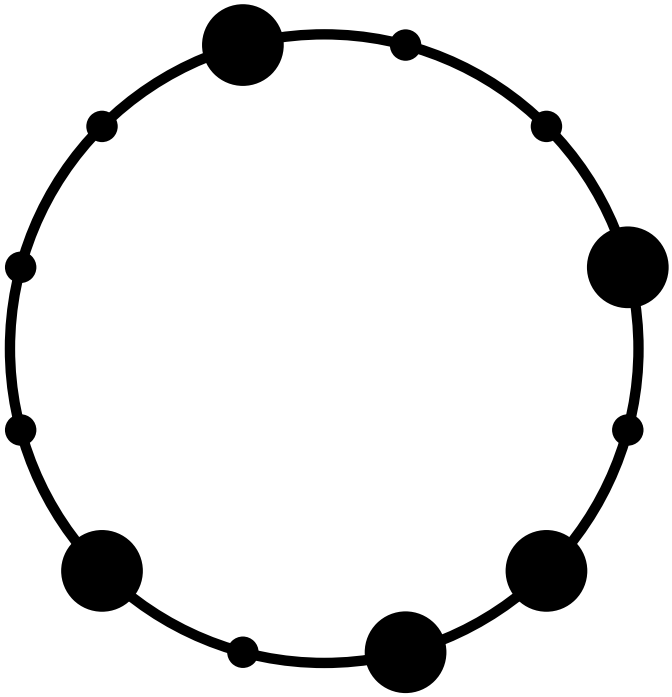
In[461]:=
```
whiteDotLineThickness = 0.01;
blackDotRadius = 0.13;
whiteDotRadius = 0.035;
ringFromNoteList[l_] :=
 Graphics[{{Black, Disk[#, blackDotRadius] & /@ CirclePoints[12][[l]]}, {Black,
    Disk[#, whiteDotRadius] & /@ CirclePoints[12][[complementaryNoteList[l]]]}}]
ringFromNoteList[{1, 2, 4, 7, 11}]
```

Out[465]=



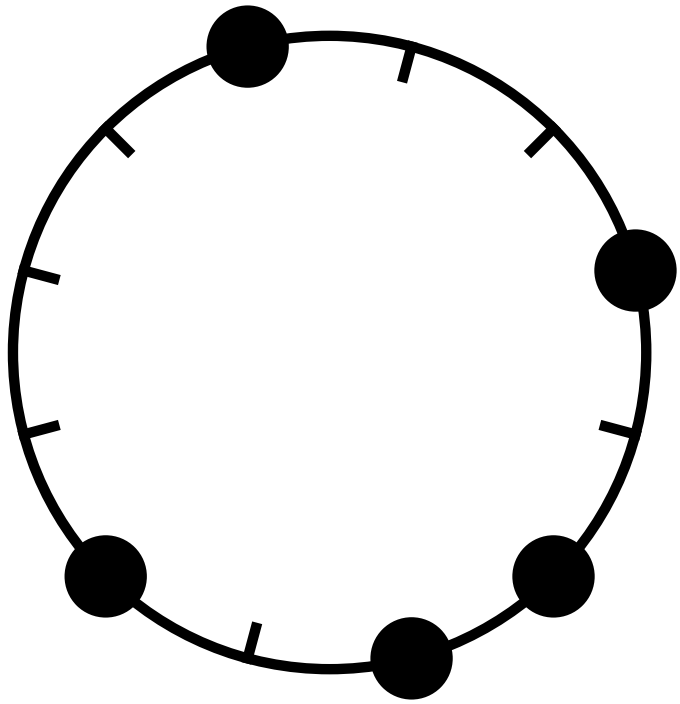
In[519]:=
```
whiteDotLineThickness = 0.01;
blackDotRadius = 0.13;
whiteDotRadius = 0.05;
circle1[centre_: {0, 0}, radius_: 1] :=
 {Thickness -> 0.015, Circle[centre, radius]}
ringFromNoteList[l_] :=
 Graphics[{{Black, Disk[#, blackDotRadius] & /@ CirclePoints[12][[l]]},
   {Black, Disk[#, whiteDotRadius] & /@
     CirclePoints[12][[complementaryNoteList[l]]]}, circle1[]}]
ringFromNoteList[{1, 2, 4, 7, 11}]
```

Out[524]=



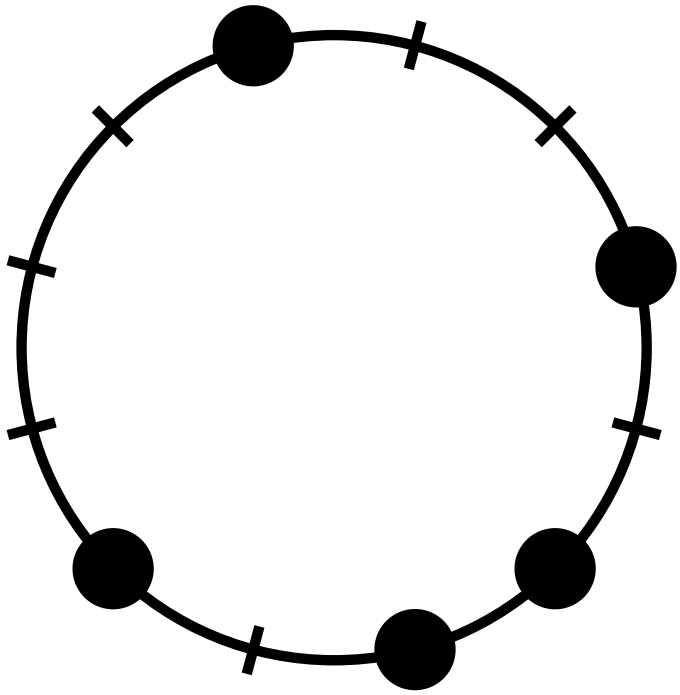
In[575]:=
```
radialLine[p_, innerRadius_] := {Line[{p, Normalize[p] * innerRadius}]}
whiteDotLineThickness = 0.01;
blackDotRadius = 0.13;
lineThickness = 0.015;
circle1[centre_: {0, 0}, radius_: 1] :=
 {Thickness -> lineThickness, Circle[centre, radius]}
ringFromNoteList[l_] :=
 Graphics[{{Black, Disk[#, blackDotRadius] & /@ CirclePoints[12][[l]]},
   {{Thickness → lineThickness, radialLine[#, 0.9]} & /@
     CirclePoints[12][[complementaryNoteList[l]]]}, circle1[]}]
ringFromNoteList[{1, 2, 4, 7, 11}]
```

Out[581]=



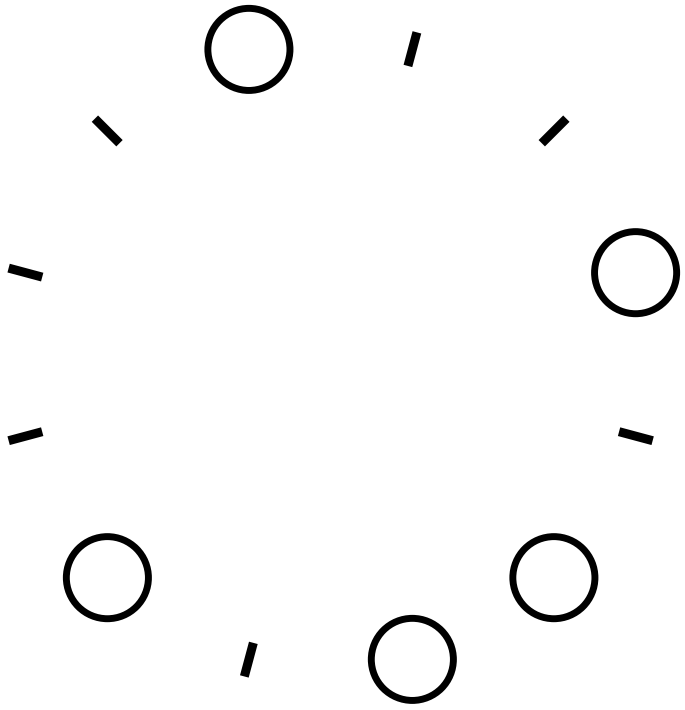
In[603]:=
```
radialLine[p_, innerRadius_] :=
 {Line[{Normalize[p] / innerRadius, Normalize[p] * innerRadius}]}
whiteDotLineThickness = 0.01;
blackDotRadius = 0.13;
lineThickness = 0.015;
circle1[centre_: {0, 0}, radius_: 1] :=
 {Thickness -> lineThickness, Circle[centre, radius]}
ringFromNoteList[l_] :=
 Graphics[{{Black, Disk[#, blackDotRadius] & /@ CirclePoints[12][[l]]},
   {{Thickness → lineThickness, radialLine[#, 0.94]} & /@
     CirclePoints[12][[complementaryNoteList[l]]]}, circle1[]}]
ringFromNoteList[{1, 2, 4, 7, 11}]
```

Out[609]=



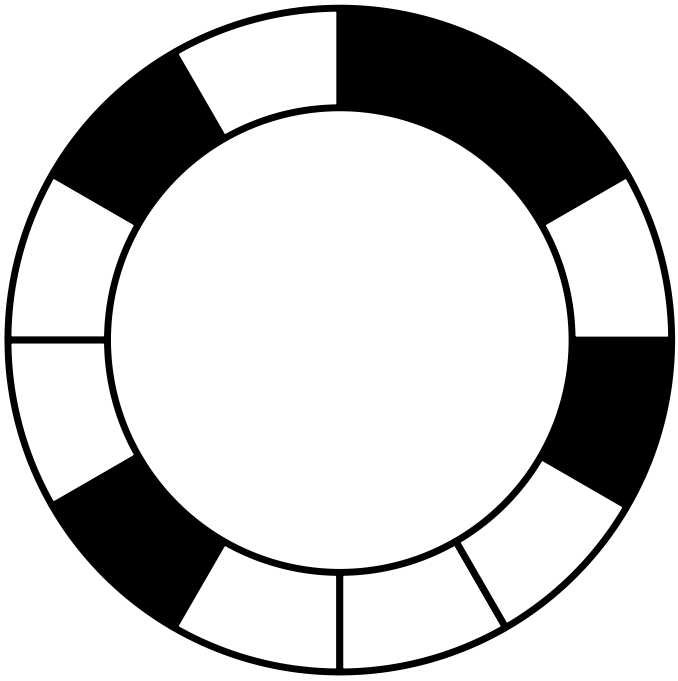
In[659]:=
```
radialLine[p_, innerRadius_] :=
 {Line[{Normalize[p] / innerRadius, Normalize[p] * innerRadius}]}
whiteDotLineThickness = 0.01;
blackDotRadius = 0.13;
lineThickness = 0.013;
circle1[centre_: {0, 0}, radius_: 1] :=
 {Thickness -> lineThickness, Circle[centre, radius]}
ringFromNoteList[l_] :=
 Graphics[{White, EdgeForm[Thickness[whiteDotLineThickness]],
   Disk[#, blackDotRadius] & /@ CirclePoints[12][[l]],
   {{Black, Thickness → lineThickness, radialLine[#, 0.96]} & /@
     CirclePoints[12][[complementaryNoteList[l]]]}}]
ringFromNoteList[{1, 2, 4, 7, 11}]
```

Out[665]=



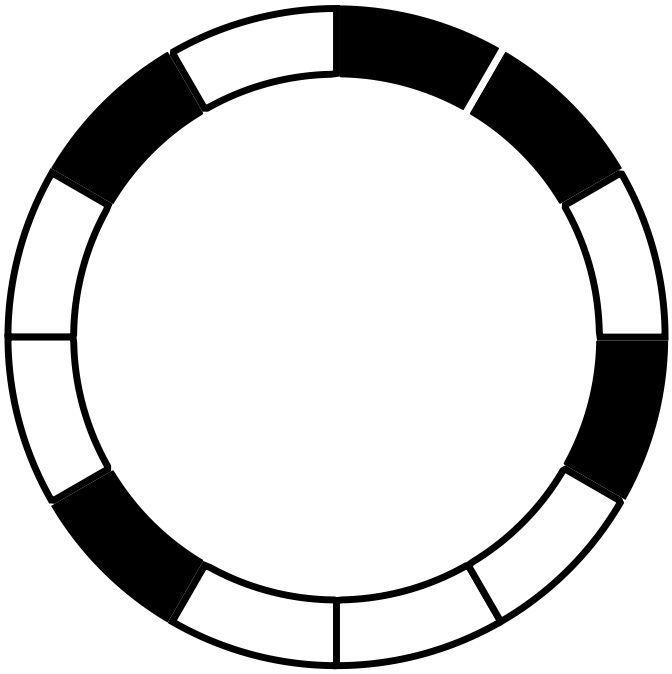
In[714]:=
```
Graphics[{{{EdgeForm[Thickness[0.01]], Black, Annulus[{0, 0}, {0.7, 1},
        {#, # + 2 π / 12}]} & /@ (2 π Range[12] / 12)[[{1, 2, 4, 7, 11}]]},
   {EdgeForm[Thickness[0.01]], White, Annulus[{0, 0},
      {0.7, 1}, {#, # + 2 π / 12}]} & /@
    (2 π Range[12] / 12)[[complementaryNoteList[{1, 2, 4, 7, 11}]]]}]
```

Out[714]=



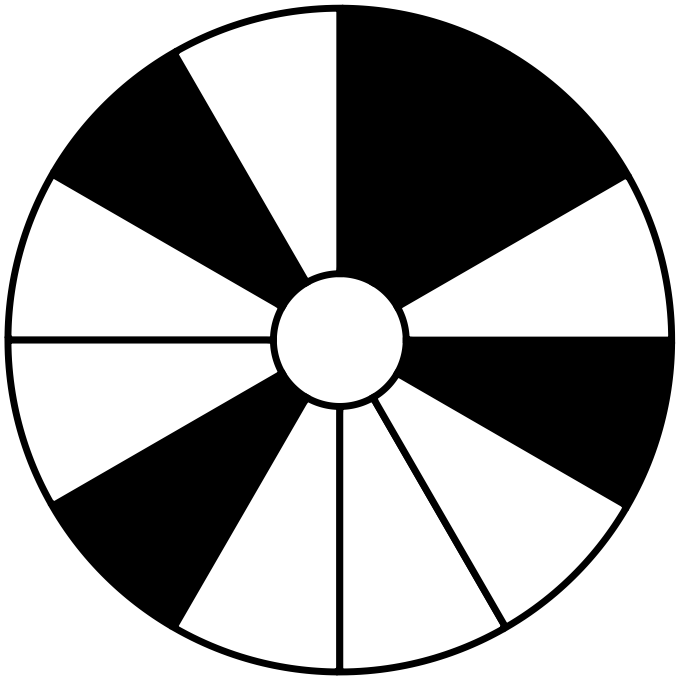
In[738]:=
```
Graphics[
 {{{EdgeForm[{White, Thickness[0.01]}], Black, Annulus[{0, 0}, {0.78, 1.02},
       {#, # + 2 π / 12}]} & /@ (2 π Range[12] / 12)[[{1, 2, 4, 7, 11}]]},
  {EdgeForm[Thickness[0.01]], White, Annulus[{0, 0},
     {0.8, 1}, {#, # + 2 π / 12}]} & /@
   (2 π Range[12] / 12)[[complementaryNoteList[{1, 2, 4, 7, 11}]]]}]
```

Out[738]=



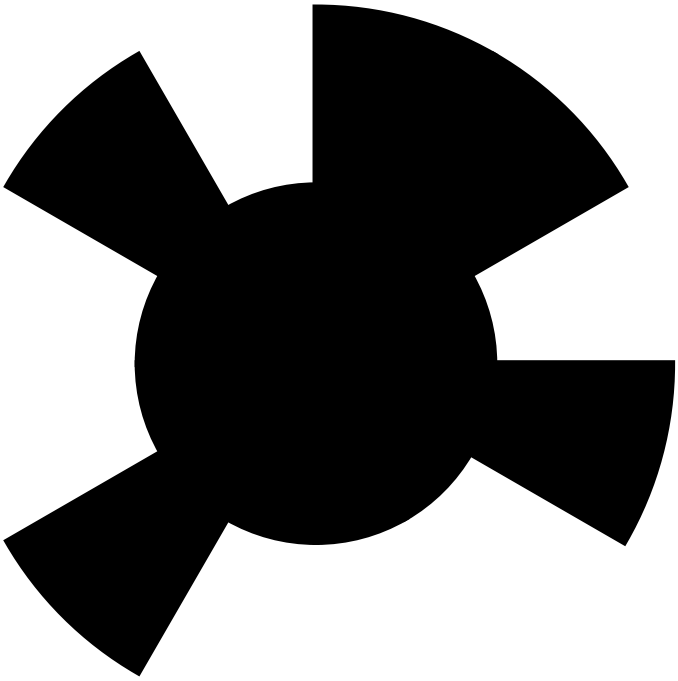
In[717]:=
```
Graphics[{{{EdgeForm[Thickness[0.01]], Black, Annulus[{0, 0}, {0.2, 1},
        {#, # + 2 π / 12}]} & /@ (2 π Range[12] / 12)[[{1, 2, 4, 7, 11}]]},
   {EdgeForm[Thickness[0.01]], White, Annulus[{0, 0},
      {0.2, 1}, {#, # + 2 π / 12}]} & /@
    (2 π Range[12] / 12)[[complementaryNoteList[{1, 2, 4, 7, 11}]]]}]
```

Out[717]=



In[721]:=
```
Graphics[{{{EdgeForm[Thickness[0.01]], Black, Disk[{0, 0}, 1, {#, # + 2 π / 12}]} & /@
     (2 π Range[12] / 12)[[{1, 2, 4, 7, 11}]]},
   {EdgeForm[Thickness[0.01]], Black, Disk[{0, 0}, 0.5, {#, # + 2 π / 12}]} & /@
    (2 π Range[12] / 12)[[complementaryNoteList[{1, 2, 4, 7, 11}]]]}]
```

Out[721]=



In[730]:=
```
Graphics[{{{Thickness[0.03], Black, Circle[{0, 0}, 1, {#, # + 2 π/19}]} & /@
     (2 π Range[12] / 12)[[{1, 2, 4, 7, 11}]]},
   {Thickness[0.03], Black, Circle[{0, 0}, 0.7, {#, # + 2 π/19}]} & /@
    (2 π Range[12] / 12)[[complementaryNoteList[{1, 2, 4, 7, 11}]]]}]
```

Out[730]=