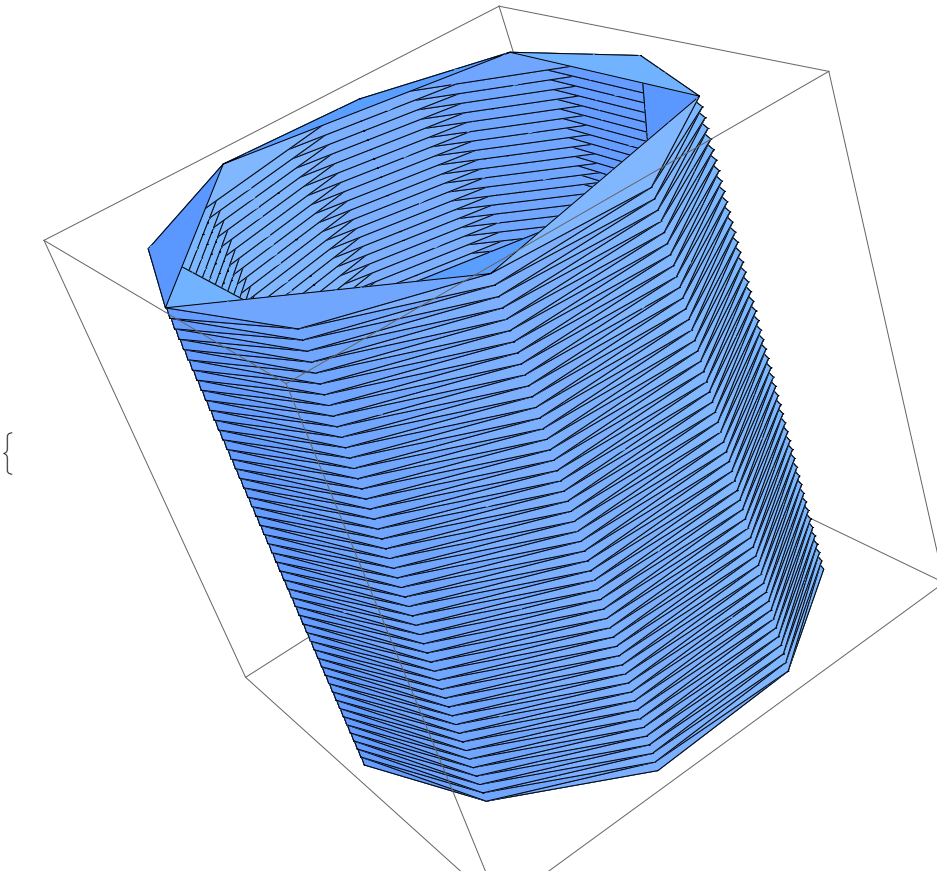
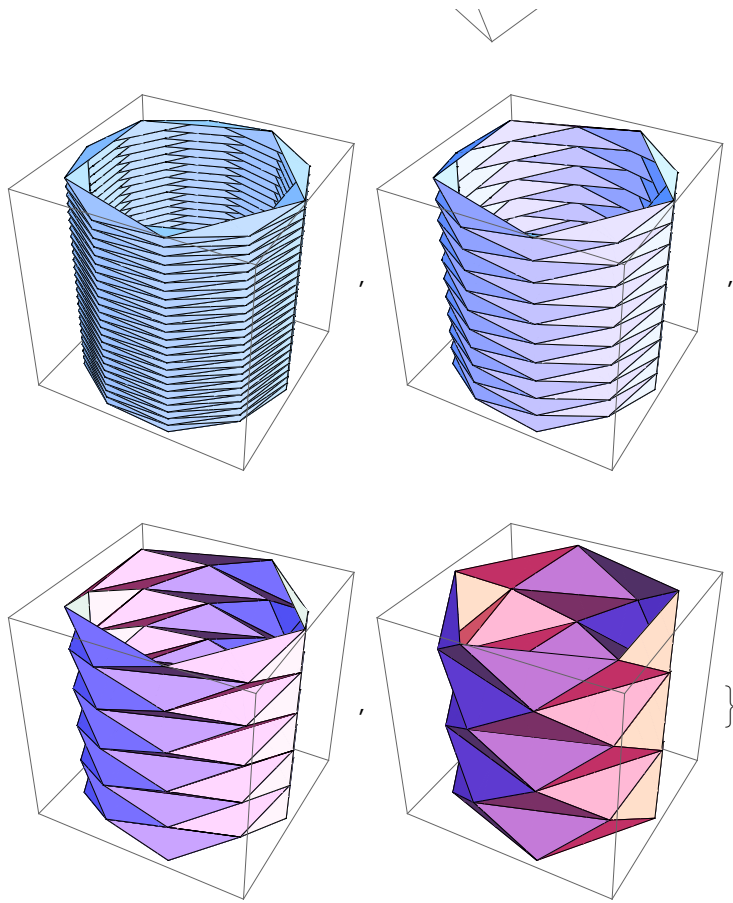


Pensieve header: The Schwarz Lantern, following <http://blogs.scientificamerican.com/roots-of-unity/2013/11/30/counterexamples-in-origami/>.

```
SchwarzLantern[n_, H_, ε_] := Module[{},
  θ = π / n; Ts = {};
  For[p = 0, p < 2 n H / ε, ++p,
    h = ε p / n;
    For[q = 0, q < n, ++q,
      s = (2 q + p) θ;
      AppendTo[Ts, Polygon[{
        {Cos[s], Sin[s], h},
        {Cos[s + θ], Sin[s + θ], h + ε / n},
        {Cos[s + 2 θ], Sin[s + 2 θ], h}
      }]];
      AppendTo[Ts, Polygon[{
        {Cos[s + θ], Sin[s + θ], h + ε / n},
        {Cos[s + 2 θ], Sin[s + 2 θ], h},
        {Cos[s + 3 θ], Sin[s + 3 θ], h + ε / n}
      }]];
    ]
  ];
  Ts
]
```

```
Table[Graphics3D[SchwarzLantern[5, 1, ε]], {ε, {0.1, 0.2, 0.5, 1, 2}}]
```





```
 $\epsilon = 1;$   
Column[{  
  slider[Dynamic[ $\epsilon$ ]],  
  Dynamic[Graphics3D[SchwarzLantern[5, 1,  $\epsilon$ ]]  
}]
```

