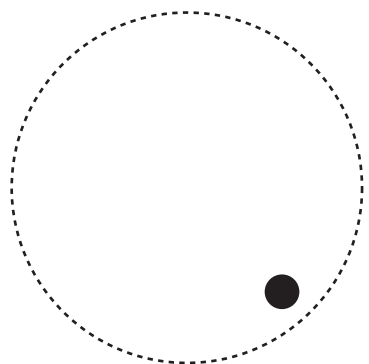
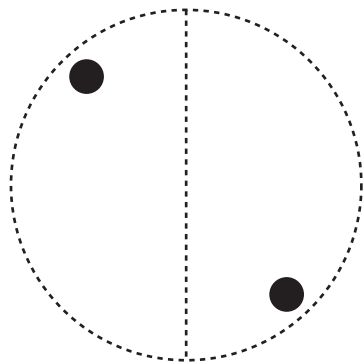


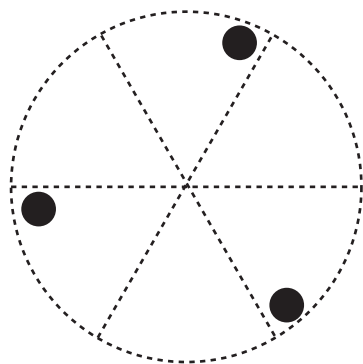
# 1回の基本操作による一般点の生成



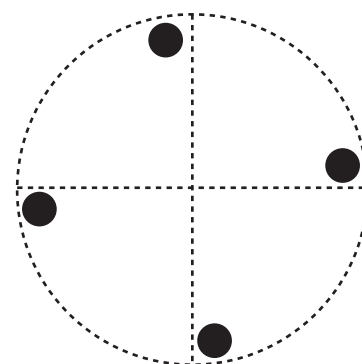
1



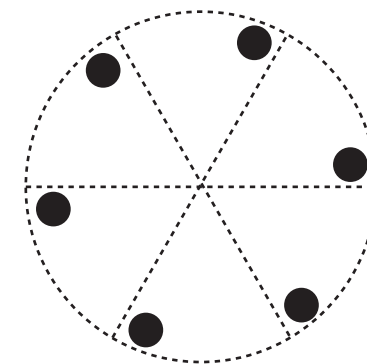
2



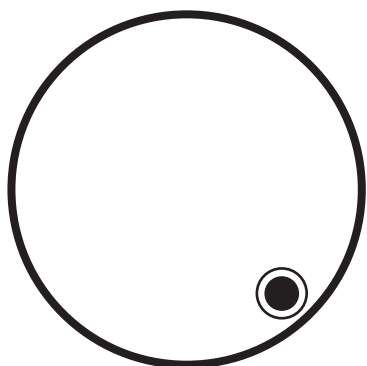
3



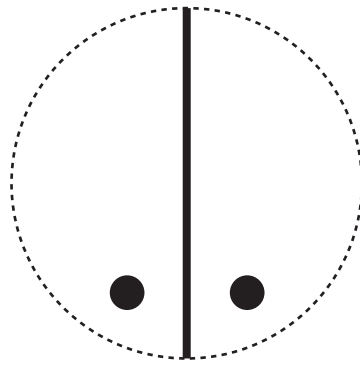
4



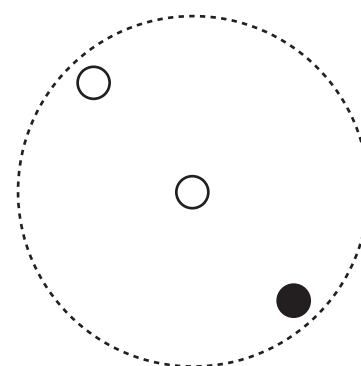
6



水平鏡面



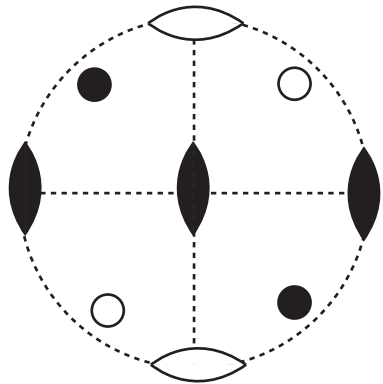
軸を含む鏡面



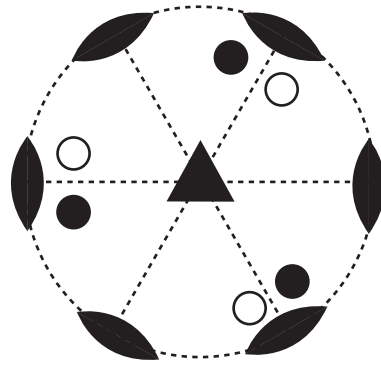
反転

# Dihedral classes

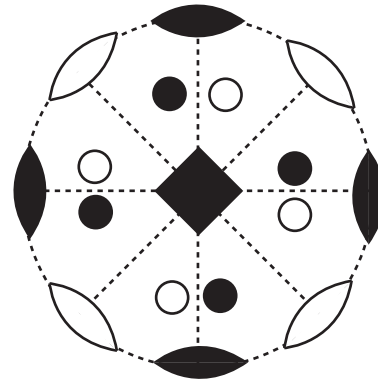
222, 32, 422, 622



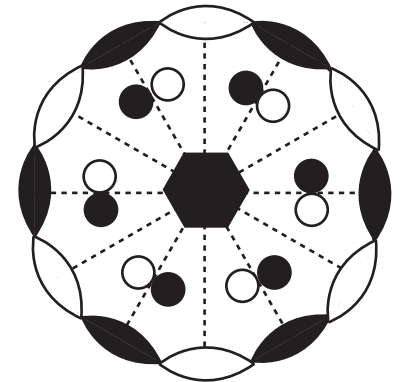
222



32



422



622

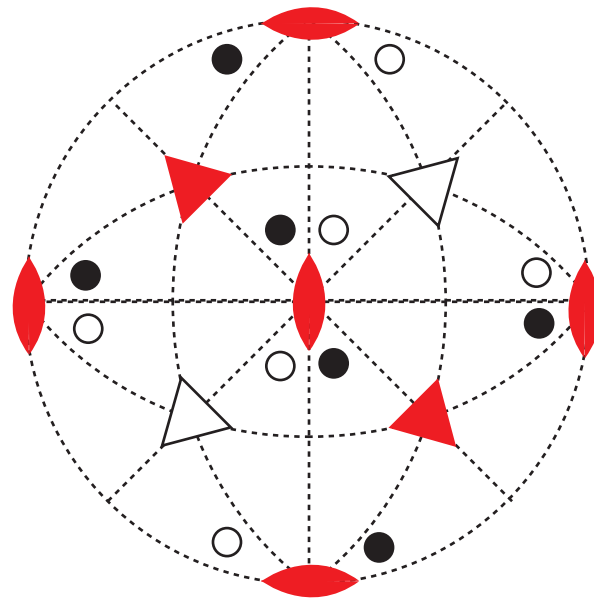
主軸  
主軸と直交する2回軸

3本目の2回軸は1本目、2本目の2回軸によって自動生成されるのではないので独立

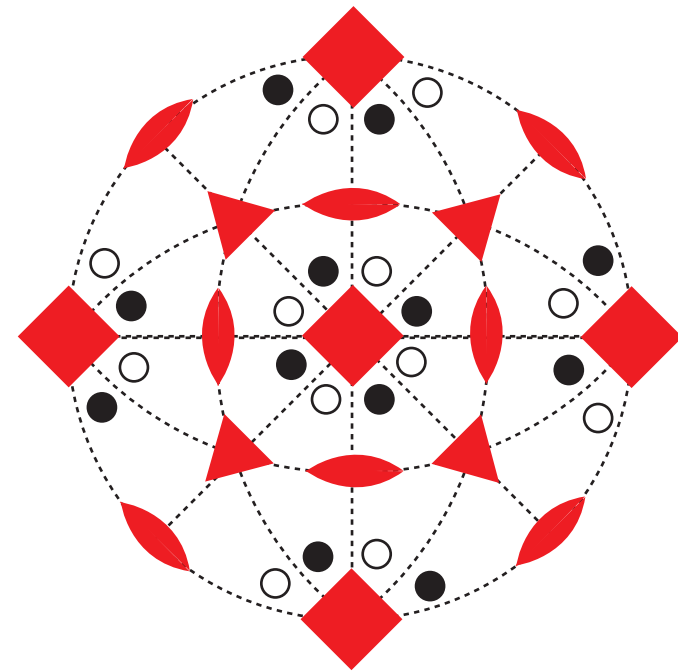
主軸  
2回軸は3回軸によって自動生成されるもので尽きる

# Isometric classes

23, 432

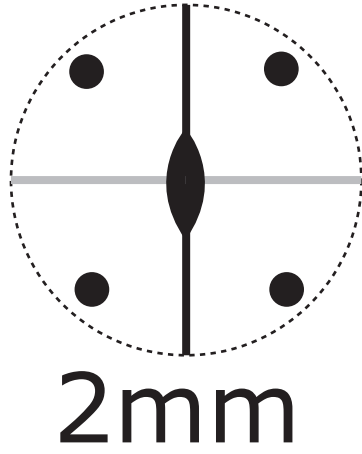
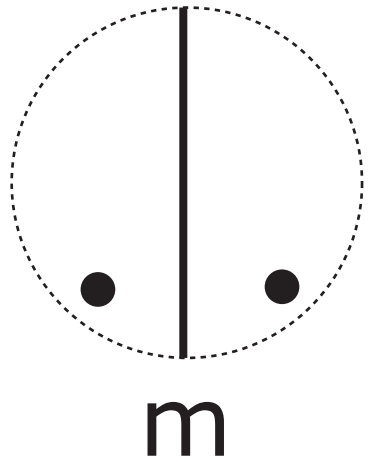


23

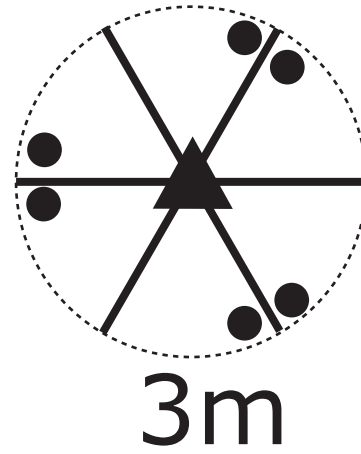


432

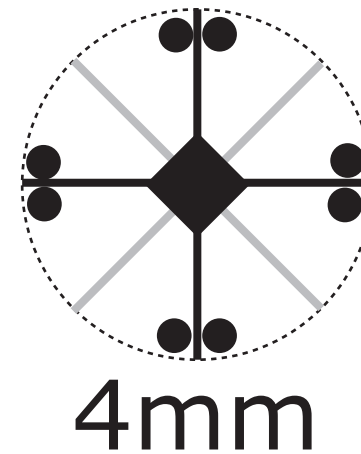
# 回転軸を含む鏡面



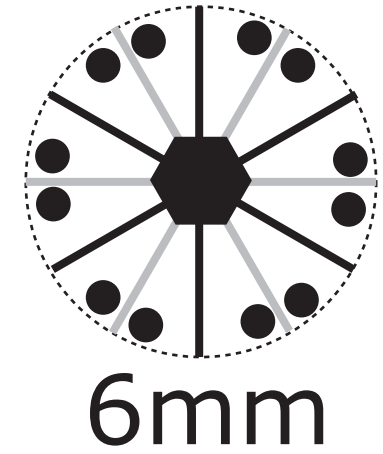
↓  
2枚目の鏡面は  
2回軸によって  
自動生成され  
るのではない  
ので独立



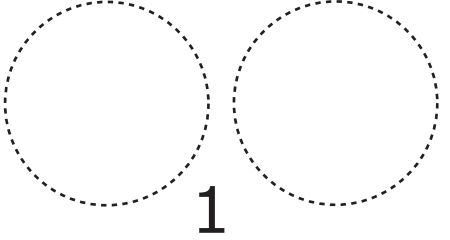
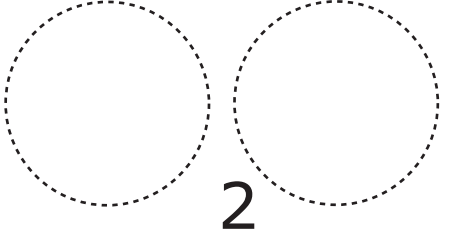
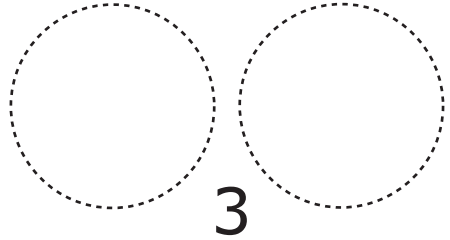
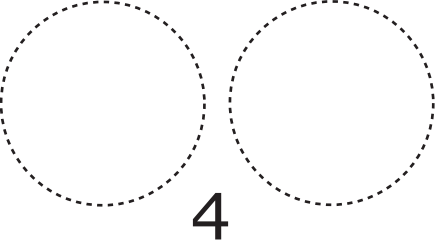
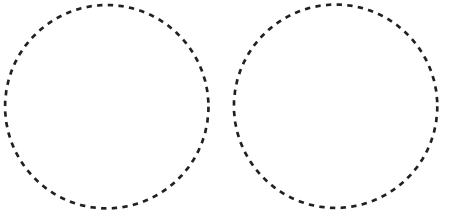
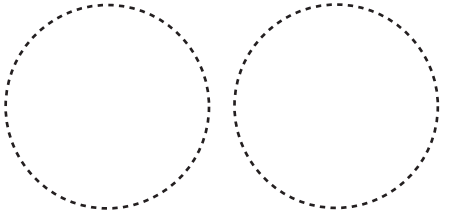
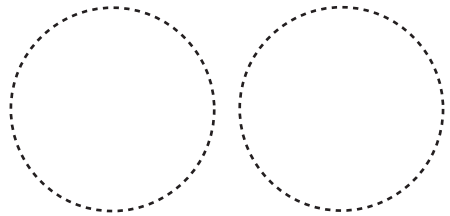
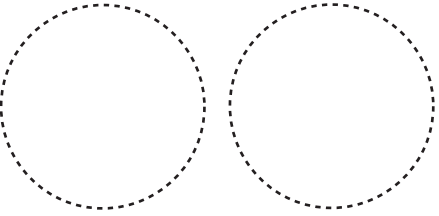
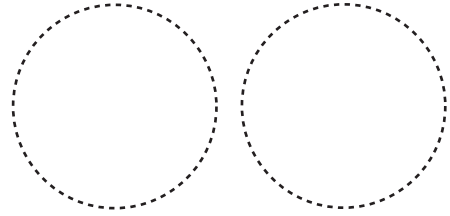
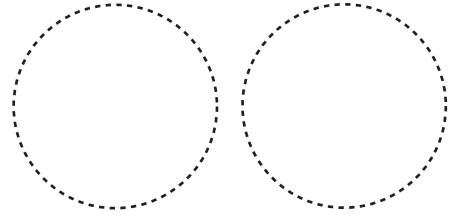
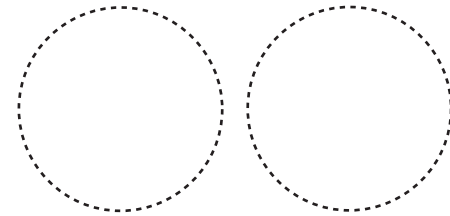
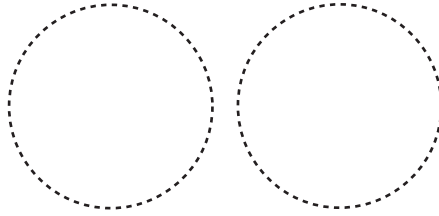
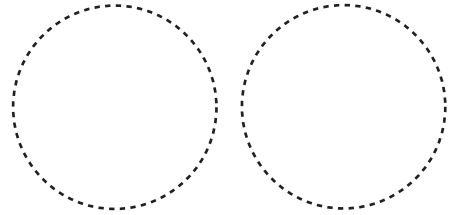
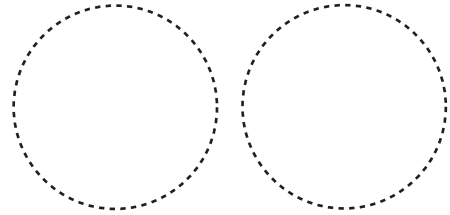
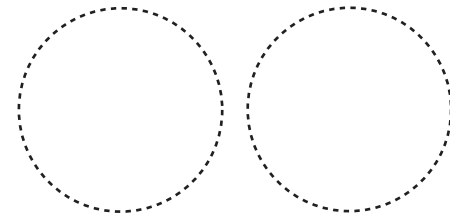
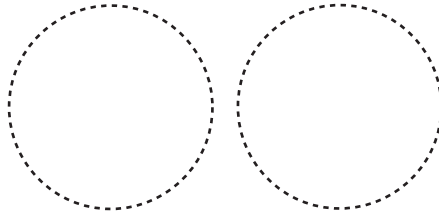
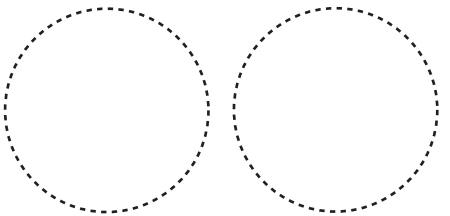
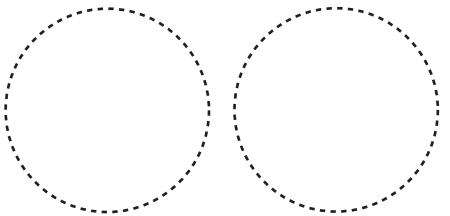
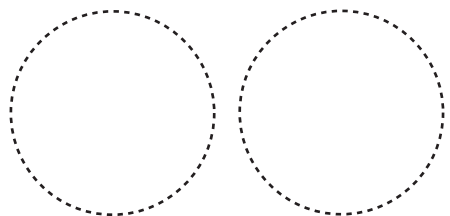
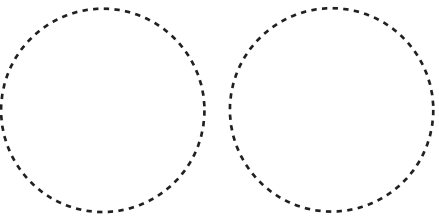
↓  
鏡面は3回軸  
によって自動  
生成されるも  
ので尽きる

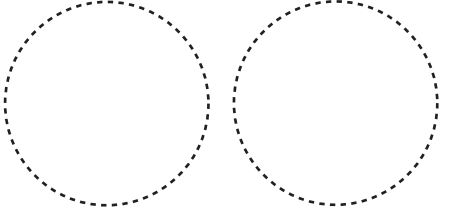
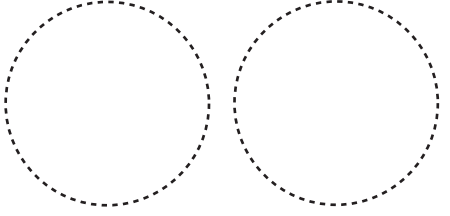
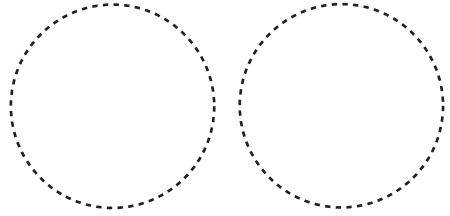
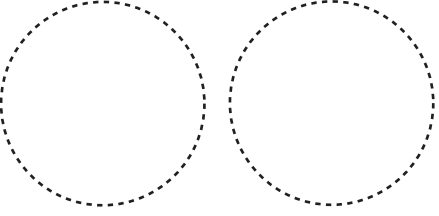
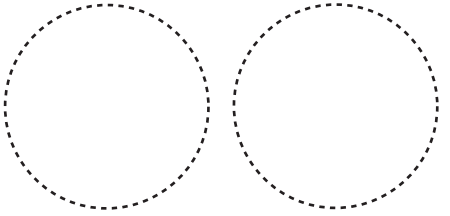
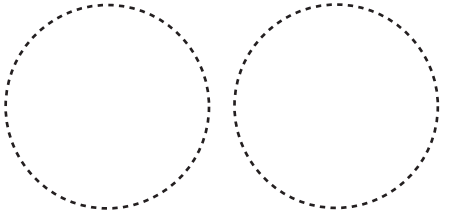
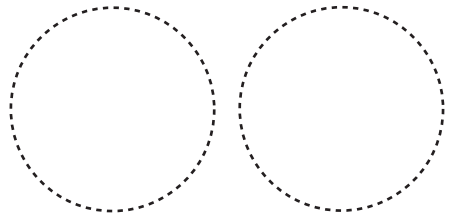
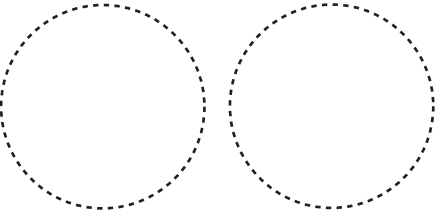
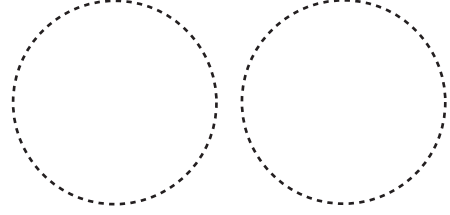
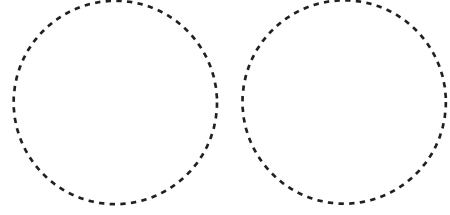
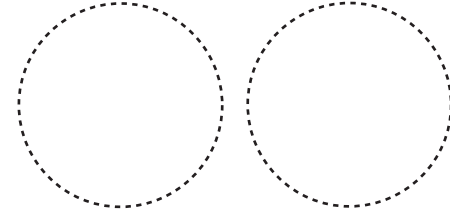
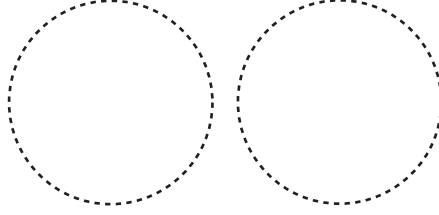
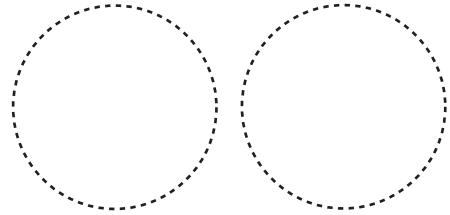
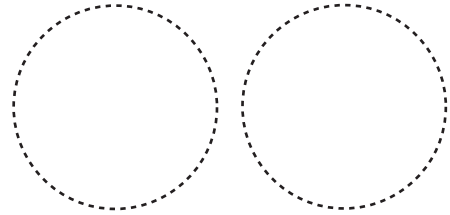
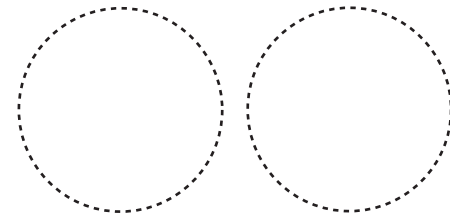
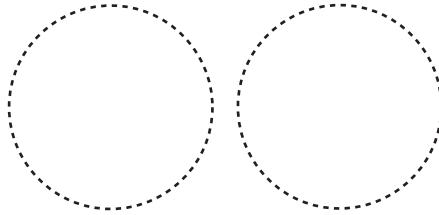
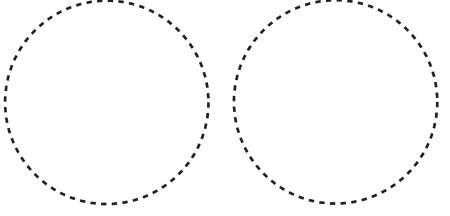
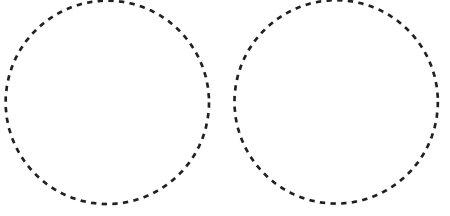
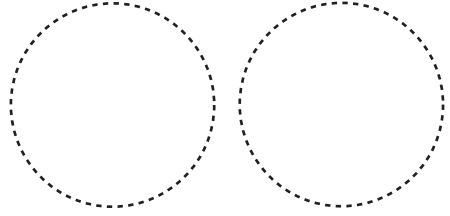
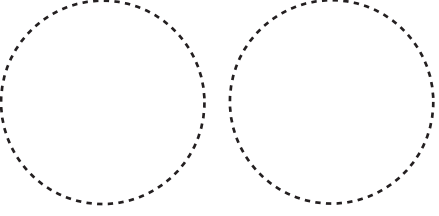


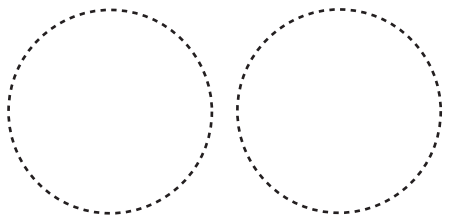
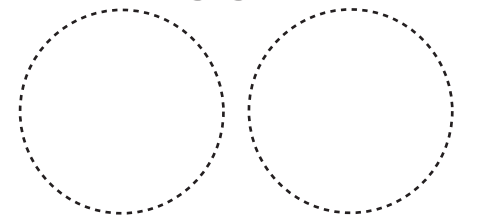
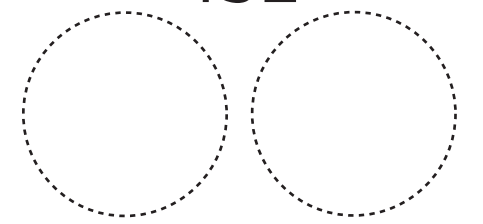
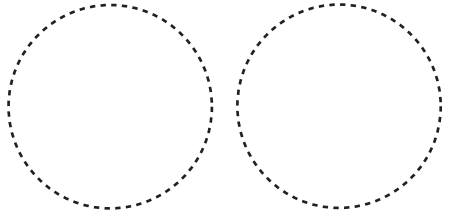
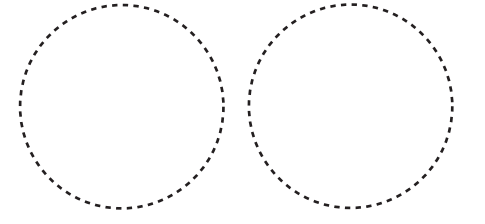
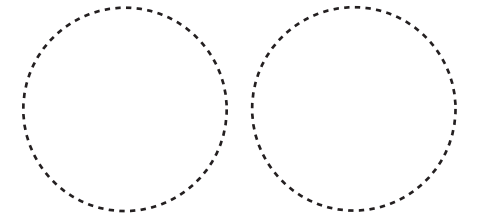
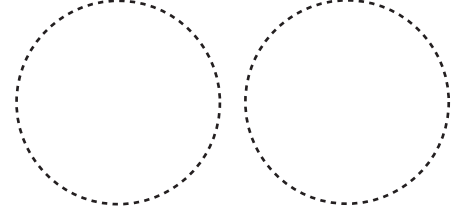
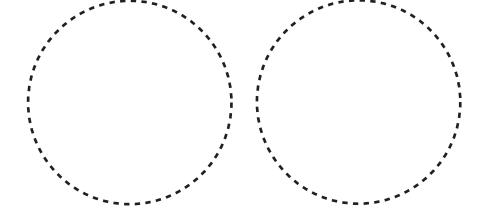
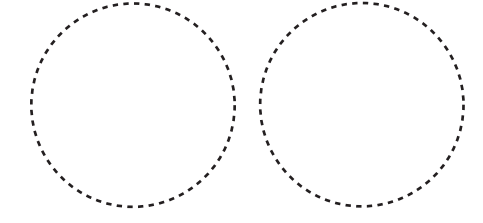
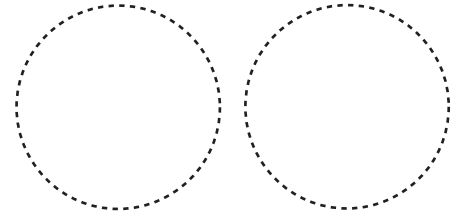
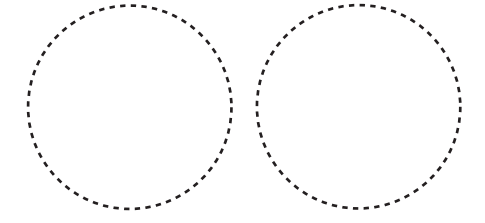
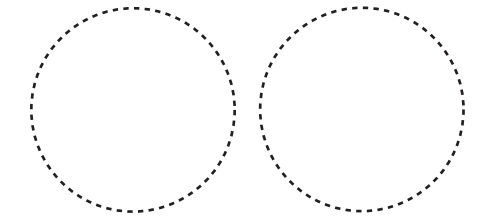
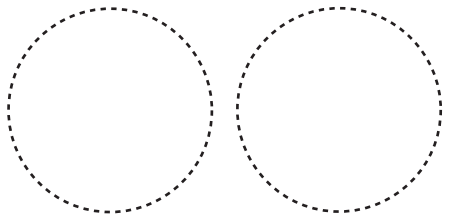
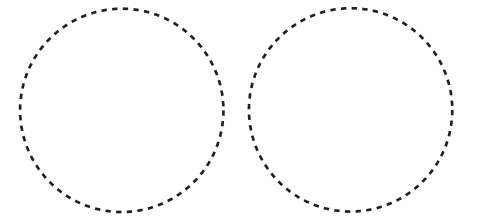
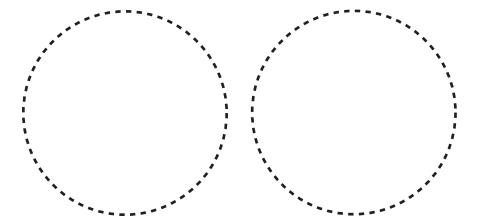
↓  
2枚目の鏡面は  
4回軸によって  
自動生成され  
るのではない  
ので独立



↓  
2枚目の鏡面は  
6回軸によって  
自動生成され  
るのではない  
ので独立

|                      |   |  |   |   |
|----------------------|---|--|---|---|
| <p>回転軸<br/>鏡面・反転</p> |    |    |    |    |
| <p>水平鏡面</p>          |    |    |    |    |
| <p>軸を含む鏡面</p>        |    |    |    |    |
| <p>対角鏡面</p>          |  |  |  |  |
| <p>反転中心</p>          |  |  |  |  |

| 回転軸<br>鏡面・反転 | 6<br> | 222<br> | 322<br> | 422<br> |
|--------------|--|---|--|--|
| 水平鏡面         |       |         |         |         |
| 軸を含む鏡面       |       |         |         |         |
| 対角鏡面         |     |       |       |       |
| 反転中心         |     |       |       |       |

| 回転軸<br>鏡面・反転 | 622<br> | 332<br> | 432<br> |
|--------------|--|---|--|
| 水平鏡面         |         |         |         |
| 軸を含む鏡面       |         |         |         |
| 対角鏡面         |       |       |       |
| 反転中心         |       |       |       |