Tessellations Recording Sheet

Use sets of these shapes to tile an area noting whether they fit together without gaps. Some shapes tessellate with a ‘partner’ shape. If that’s the case, draw the partner.

|  |  |  |
| --- | --- | --- |
| **Shape** | **Tessellates?** | **Partner Shape?** |
| Square |  |  |
| Circle |  |  |
| Equilateral triangle |  |  |
| Right angle triangle |  |  |
| Scalene triangle |  |  |
| Hexagon  |  |  |
| Pentagon |  |  |
| Octagon |  |  |

Can you say what properties the shapes that tessellate have? Why is this different to the ones that don’t tessellate?