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.

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| **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?