|  |
| --- |
| <<Interface>> Shape |
|  |
| *+ GetArea():double*  *+ GetPerimetor() : double* |

|  |
| --- |
| Square |
|  |
| Square(side: double)  **+ GetArea():double**  **+ GetPerimetor() : double** |

|  |
| --- |
| Triangle |
| - Height: double  - Width : double |
| +Triangle(height : double, width : double) **+ GetArea():double**  **+ GetPerimetor() : double** |

|  |
| --- |
| Rectangle |
| - Height: double  - Width : double |
| + Rectangle(height: double, width: double) **+ GetArea():double**  **+ GetPerimetor() : double** |

|  |
| --- |
| Circle |
| - Redius: double |
| + Circle(redius: double)  **+ GetArea():double**  **+ GetPerimetor() : double** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Circle** | **Triangle** | **Rectangle** | **Square** |
| Area |  | 1/2 x Height x Width | Height x Width | Side x Side |
| Perimeter | 2 r |  | (Width + Height) × 2 | Side x 4 |