# Requirements Analysis**: Operations on Shapes**

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| ID | Description |
| H\_01 | Selecting the shape from available options. |
| H\_02 | Dimensions of the shape. |
| H\_02\_L\_01 | Calculating area of the shape |
| H\_02\_L\_02 | Calculating perimeter of the shape |
| H\_03 | Operations on the area and perimeter of shapes. |
| H\_03\_L\_01 | Arithmetic operations: addition, subtraction, multiplication, division, modulus. |
| H\_03\_L\_02 | Checking if the input is odd or even |
| H\_03\_L\_03 | Checking if input is prime or composite |
| H\_03\_L\_04 | Checking if the number is positive, negative or zero |
| H\_03\_L\_05 | Finding factorial of the number |
| H\_03\_L\_06 | Finding reverse of the number |
| H\_03\_L\_07 | Finding sum of digits |
| H\_03\_L\_08 | Checking if the input is a magic number |