WHAT IS CLAIMED IS:

1. A mold for a front curve of an ophthalmic lens, comprising:

an inner region defining a front surface or curve of an ophthalmic lens and having a non-rotationally symmetric shape;

an outer region having a rotationally symmetric shape and which does not form a part of the ophthalmic lens; and

a continuous middle region between the inner region and the outer region,

wherein a first portion of the middle region is in contact with the inner region, defining a non-rotationally symmetric rim or edge of a front surface or curve of the ophthalmic lens,

wherein the first portion of the middle region defines a rim or edge that is continuous and non-planar;

wherein a second portion of the middle region is in contact with the outer region and is rotationally symmetrical.

2. The mold according to Claim 1, wherein the inner region has a concave shape.

3. The mold according to Claim 1, wherein the cross-section of the middle region has a two-dimensional shape.

4. The mold according to Claim 1, wherein the cross-section of the middle region is defined by a line, a curve, a polynomial, or a combination of multiple curves.

5. The mold according to Claim 1, wherein the first portion of the middle region defines a rim or edge that is circular.

6. The mold according to Claim 1, wherein the first portion of the middle region defines a rim or edge is non-circular.

7. The mold according to Claim 1, wherein the first portion of the middle region defines a rim or edge is non-circular, non-continuous, and non-planar.

8. The mold according to Claim 1, wherein the first portion of the middle region defines a rim or edge is non-circular, continuous, and planar.

9. The mold according to Claim 1, wherein the ophthalmic lens comprises a contact lens.

10. The mold according to Claim 8, wherein contact lens comprises a soft contact lens.

11. The mold according to Claim 1, wherein the outer region has a flat shape.

12. The mold according to Claim 1, wherein the first portion of the middle region defines a rim or edge where the rim or edge is selected from the group consisting of non-circular, non-continuous, non-planar and a combination of one or more of non-circular, non-continuous, and non-planar.