

Basic Functions**Parabola****Parabola Range**

1. *range* x^2

2. *range* $2x^2$

3. *range* $x^2 + 4$

4. *range* $x^2 + 1$

5. *range* $x^2 - 6x - 2$

6. *range* $x^2 + x + 1$

7. *range* $4x^2$

8. *range* $3x^2$

9. *range* $-x^2$

10. *range* $x^2 + 2$

Answers**Basic Functions****Parabola****Parabola Range**

1. $f(x) \geq 0$

2. $f(x) \geq 0$

3. $f(x) \geq 4$

4. $f(x) \geq 1$

5. $f(x) \geq -11$

6. $f(x) \geq \frac{3}{4}$

7. $f(x) \geq 0$

8. $f(x) \geq 0$

9. $f(x) \leq 0$

10. $f(x) \geq 2$