Set Construction

{set:range | condition·operation}

In notational form (aka comprehensive specification):

{Signature | Predicate • Term}

$$\{x: X \mid P(x) \cdot E(x)\}$$

Alternate even numbers:

$$\{ x : N \mid x \mod 2 = 0 \cdot 2 * x \} = \{0,4,8,12,16,20,... \}$$

Tens:

$$\{ x : N \mid x \cdot 10 * x \} = \{0,10,20,30,40,... \}$$