

**ARRAY\_ASSIGNMENT**

```
graph TD; A[ARRAY_ASSIGNMENT] --> B[a]; A --> C[INDICES]; A --> D[INT]; C --> E[INT]; C --> F[INT]; D --> G[45]; E --> H[5]; F --> I[12];
```

The diagram illustrates the structure of an array assignment statement. The root node is **ARRAY\_ASSIGNMENT**, which branches into three children: **a**, **INDICES**, and **INT**. The **INDICES** node further branches into two children, both labeled **INT**. The first **INT** child of **INDICES** branches into the value **5**, and the second branches into the value **12**. The **INT** child of the root **ARRAY\_ASSIGNMENT** branches into the value **45**.

**a**

**INDICES**

**INT**

**INT**

**INT**

**45**

**5**

**12**