

## Algorithm SURFACE AREA OF A BOX

**Input:** *length, width, height*

```
1 | area 1  $\leftarrow$  length  $\times$  width  
2 | area 2  $\leftarrow$  length  $\times$  height  
3 | area 3  $\leftarrow$  width  $\times$  height  
4 | surface  $\leftarrow$  area 1 + area 2 + area 3  
5 | surface  $\leftarrow$  surface  $\times$  2
```

**Output:** *surface*