

```
import { Component, EventEmitter, Output } from '@angular/core';
```

```
@Component({
```

```
  selector: 'app-child',
```

```
  templateUrl: './child.component.html',
```

```
  styleUrls: ['./child.component.css']
```

```
})
```

```
export class ChildComponent {
```

```
  @Output() multiply: EventEmitter<number> = new EventEmitter<number>();
```

```
  property1: number = 0;
```

```
  property2: number = 0;
```

```
  constructor() {}
```

```
  onMultiply() {
```

```
    this.multiply.emit(this.property1 * this.property2);
```

```
  }
```

```
}
```

```
<div>
```

```
  <input type="number" [(ngModel)]="property1">
```

```
  <input type="number" [(ngModel)]="property2">
```

```
  <button (click)="onMultiply()">Multiply</button>
```

```
</div>
```

```
import { Component } from '@angular/core';
```

```
@Component({  
  selector: 'app-parent',  
  templateUrl: './parent.component.html',  
  styleUrls: ['./parent.component.css']  
})
```

```
export class ParentComponent {  
  result: number = 0;  
  
  onMultiplyResult(result: number) {  
    this.result = result;  
  }  
}
```

```
<div>  
  <app-child (multiply)="onMultiplyResult($event)"></app-child>  
  <p>Result: {{ result }}</p>  
</div>
```