

```
>> M6
Enter masses in order, in brackets
[240, 60, 300]
Enter velocities in order, in brackets
[36, 9, -45]
Enter the cutoff value for checks of momentum and energy
1e-12
```

```
Which cart collides with cart 2?
```

```
3
Collision 1
```

```
v =
    36    -81   -27
```

```
Collision 2
```

```
v =
 -10.8000  106.2000 -27.0000
```

```
Collision 3
```

```
v =
 -10.8000 -115.8000  17.4000
```

```
dKE =
 5.8208e-11
```

```
Collision 4
```

```
v =
 -52.8000  52.2000  17.4000
```

```
Collision 5
```

```
v =
 -52.8000  -5.8000  29.0000
```

```
There are no more collisions
>>
```