```
5 12 13
7 24 25
```

Explanation 0

The square of the first triangle is 84. The square of the second triangle is 30. The square of the third triangle is 6. So the sorted order is the reverse one.

Answer: (penalty regime: 0 %)

```
1 Pinclade satdle.fo
    #Include math.ho
 3 Fincinde estdlib.to
 4 - typedef struct (
        double area;
 6
        let a,b,c;
 7
    )triangle;
 .
 9.
     couble calculate_area(int a, int b, int c){
18
        souble p-(a-b-c)/2.8;
11
         return sqrt(p*(p-a)*(p-b)*(p-c));
12
13
14
     int compare(comst wold's, comst wold'y)(
15
             triangle "t1-(triangle ")a;
             triangle 't2: (triangle ')y;
16
17
             17 (t1-)area < t2-)area) return -1;
18
             if (ti-varea > ti-varea) return i;
19
             return 8;
28
21 -
    int main()-
22
23
        ist n;
        scarri("No", in);
24
25
        triangle triangles[n];
26
        for(int 1-0;1-m;1++){
27
             int a.b.c:
28
             scaref("he he he", he, hb, he);
29
38
             triangles[i].a - a;
11
             triangles[i].b - b;
32
             triangles[i].c - c;
33
             triangles[i].area = calculate_area(a,b,c);
34
35
36
37
38
         quort(triangles, n, sleet(triangle),compare);
         for(int I-0;Ion;I++){
39
48
             printf("Mi % %", triangles[i].a, triangles[i].b, triangles[i].c);
41
42
         return 0;
43 }
```

	Input	Expected	Got	
4	3 :	143	3.65	V
	7 24 25	9 12 13	5 12 11	
	3 12 11	7 24 25	7 24 25	
	3.4.5			

Passed all tests! <

Explanation 0

The first box is really low, only 5 feet tall, so it can pass through the tunnel and its volume is $5 \times 5 \times 5 = 125$.

Q

The second box is sufficiently low, its volume is $1 \times 2 \times 4 = 80$.

The third box is exactly 41 feet tall, so it cannot pass. The same can be said about the fourth box.

Answer: (penalty regime: 0 %)

```
1 #include(stdio.h>
    int main()
 3 .
      int n;
      scanf("%d",&n);
      for(int i=8;i<n;i++)
       int length, width, height;
       scanf("%d %d %d",&length,&width,&height);
10
       if(height<41)
11
12
           int volume=length*width*height;
          printf("%d\n",volume);
13
14
15
16
17
```

	Input	Expected	Got	
~	4	125	125	V
	5 5 5	80	88	
	1 2 40			
	10 5 41			
	7 2 42			

Passed all tests! <