



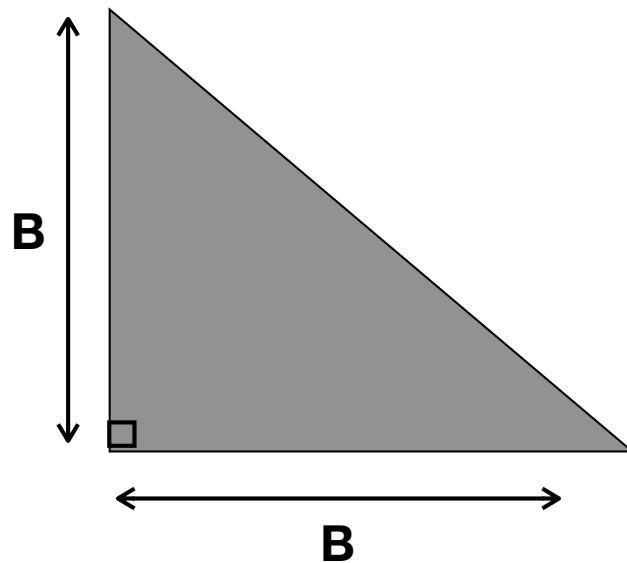
# *Problems of “ Fit Squares in Triangle ”*

TRISQ

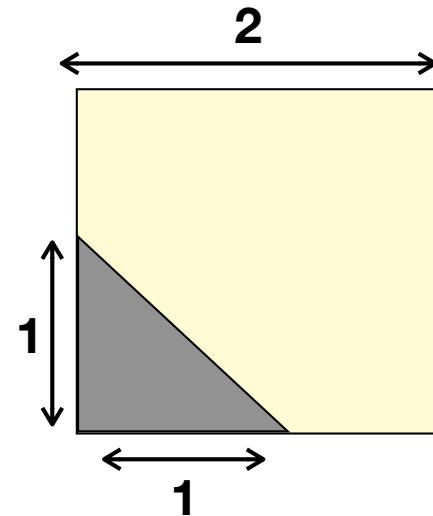
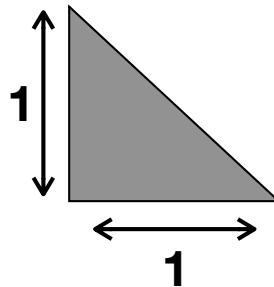
( Code chef )

*By Prince Agarwal  
[ “ Hello World ” ]*

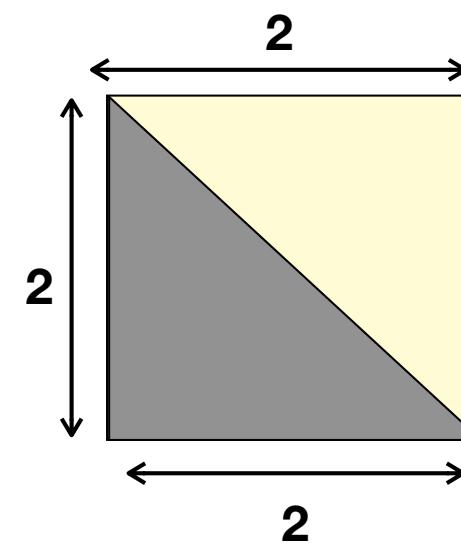
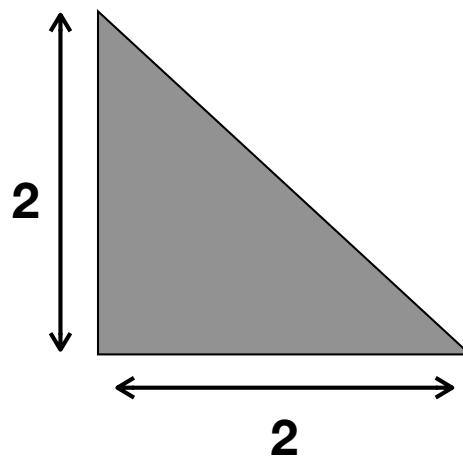
**Right angled isosceles triangle of base  $B$ .**



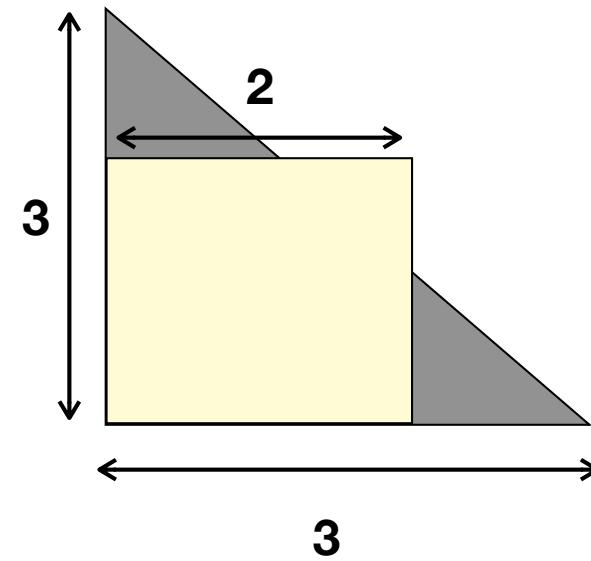
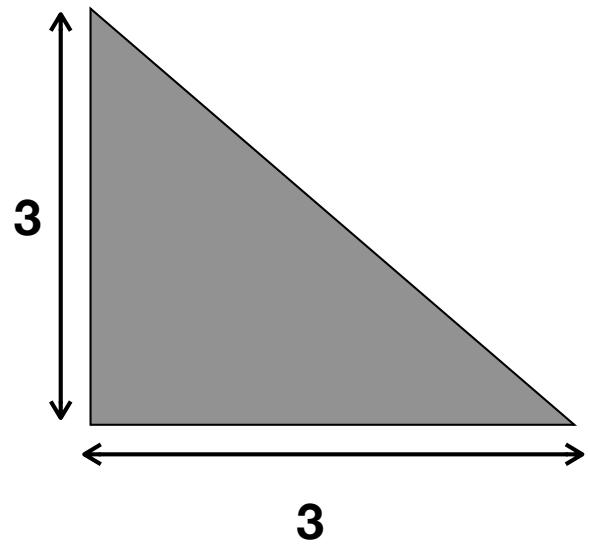
**If  $B == 1$**



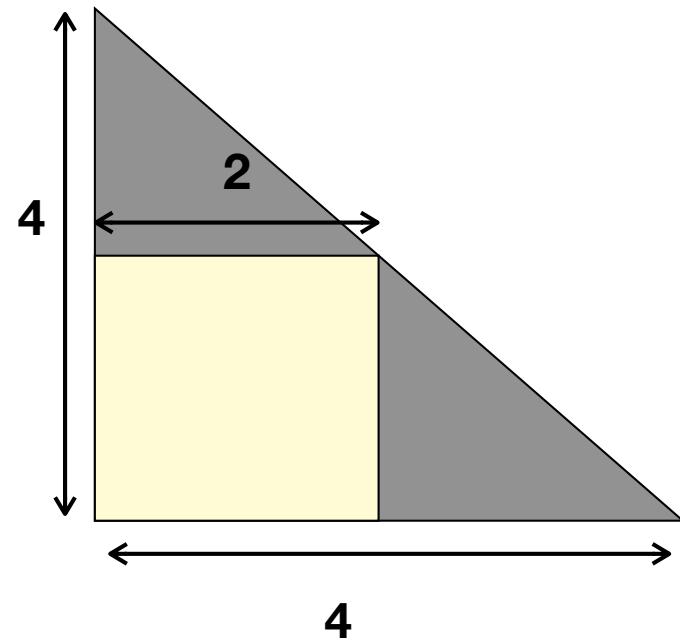
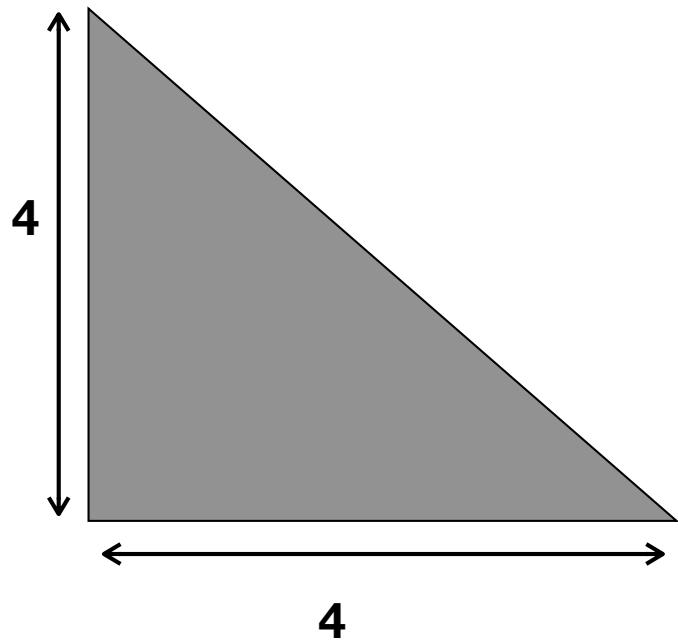
**If  $B == 2$**



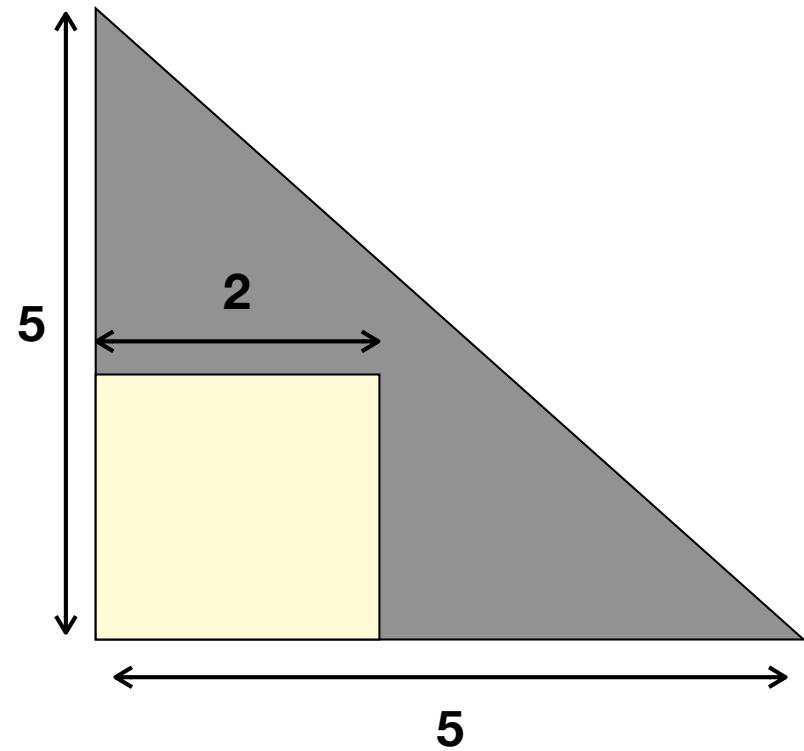
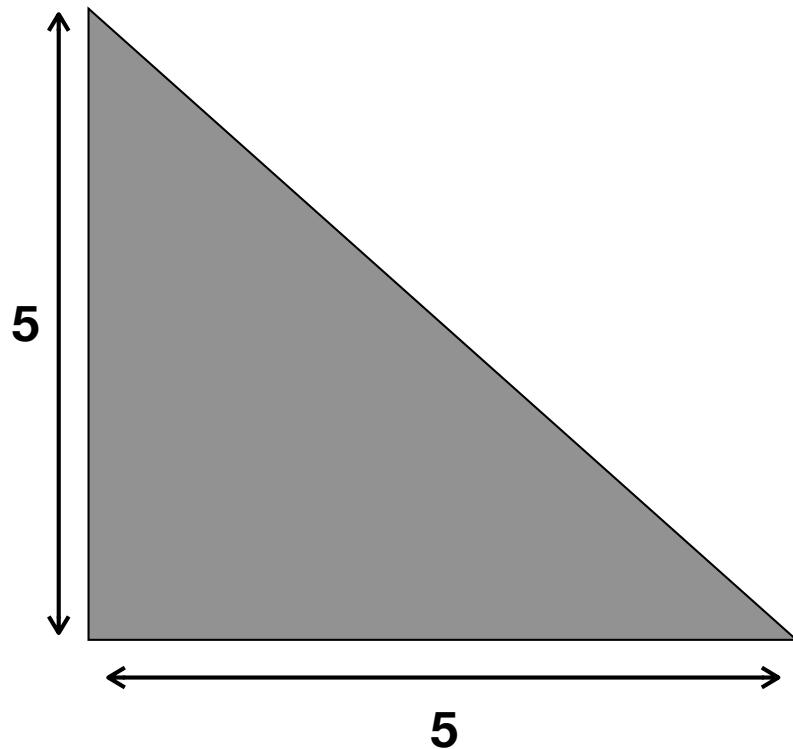
If  $B == 3$

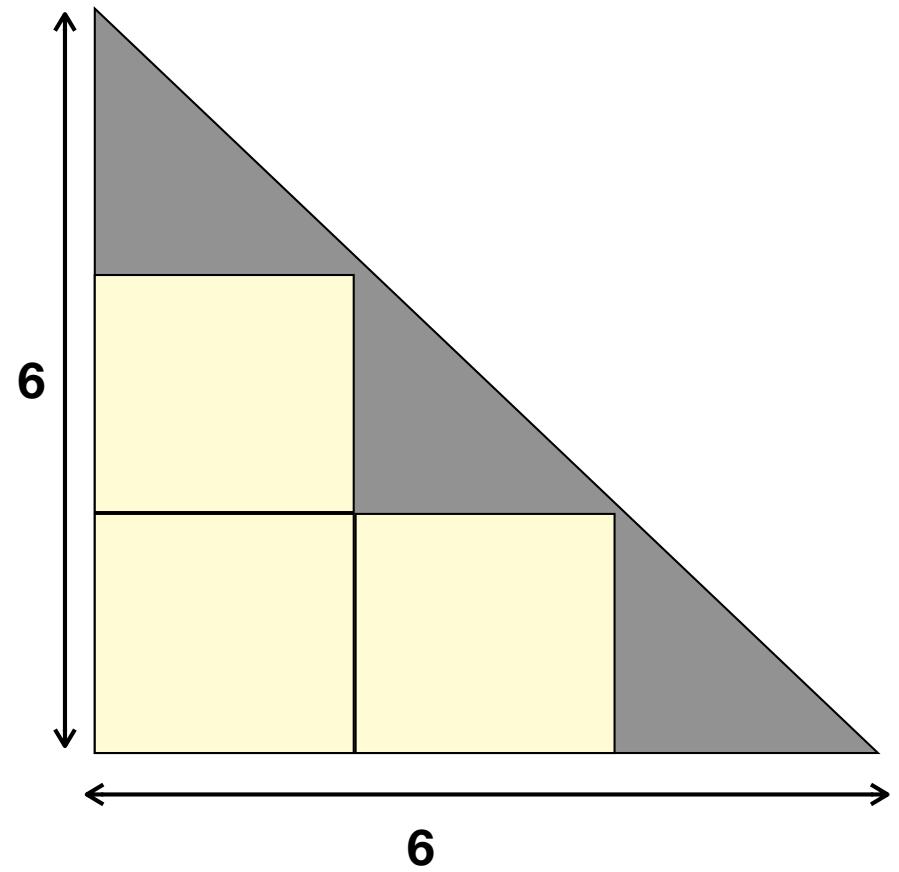
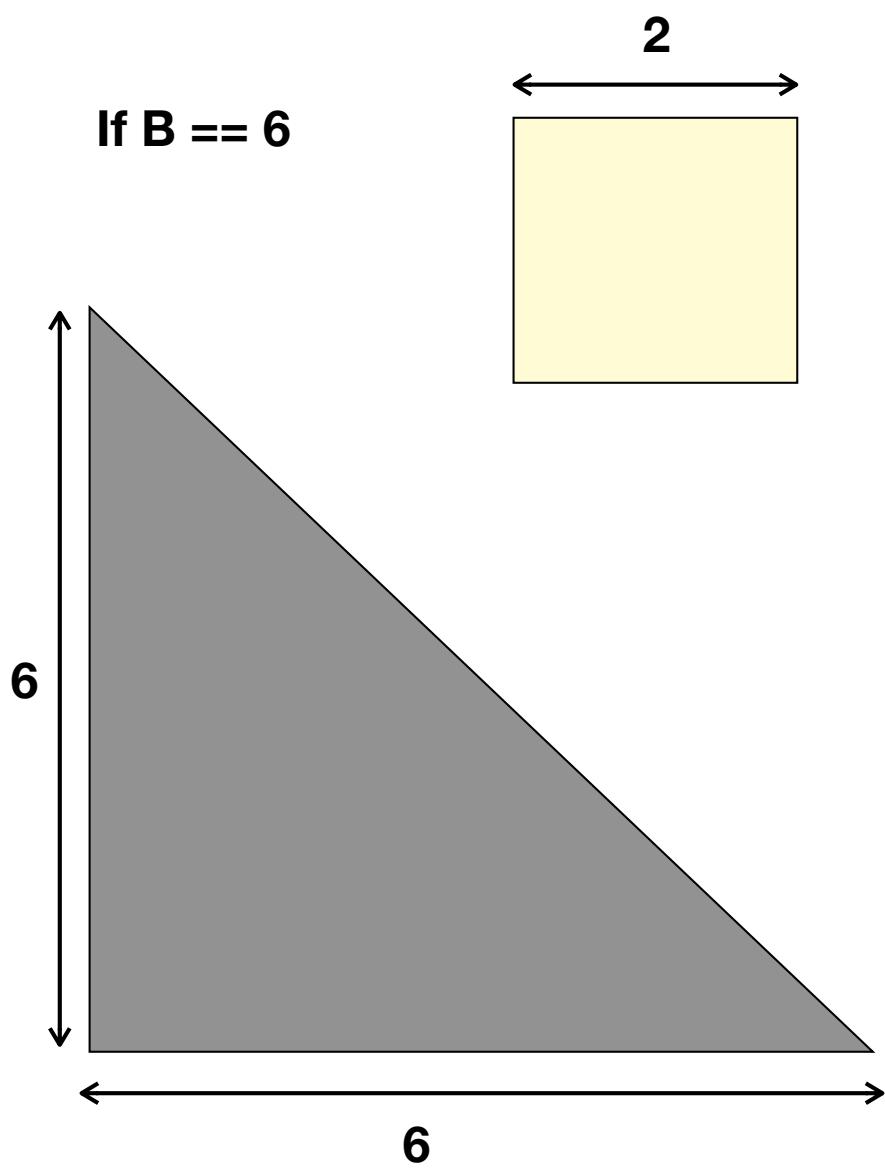


If  $B == 4$

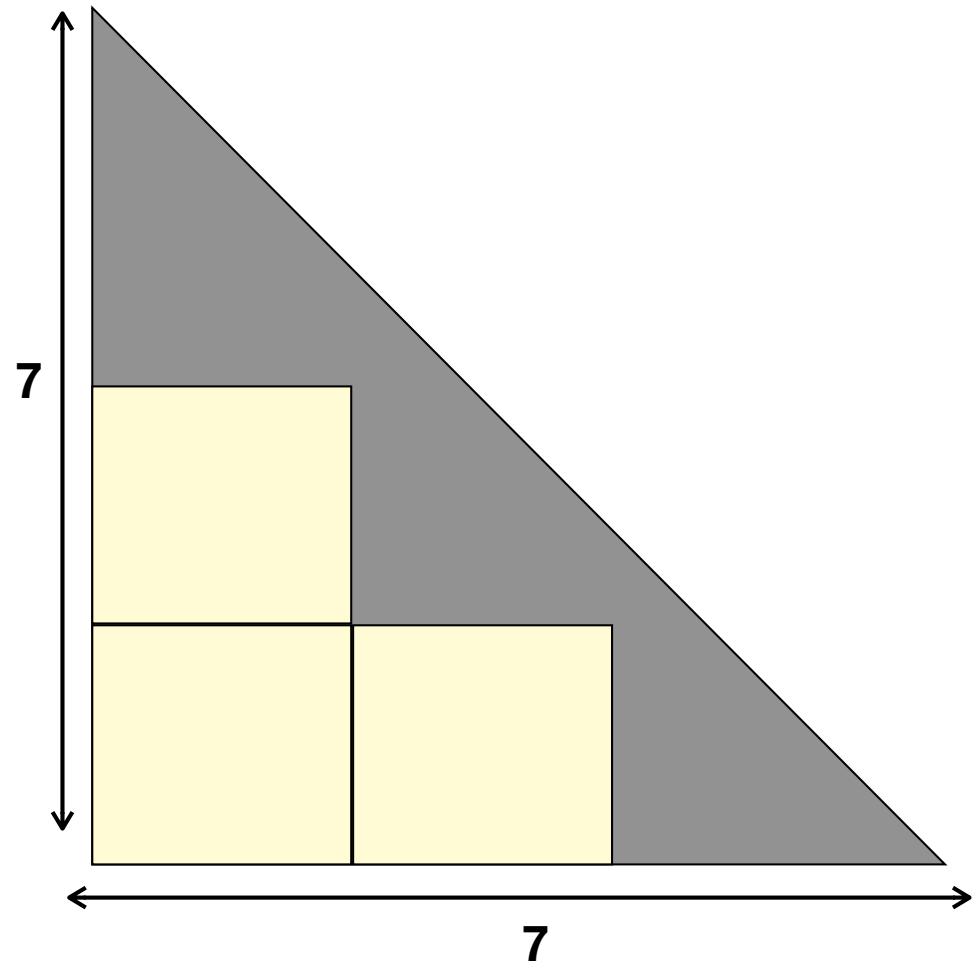
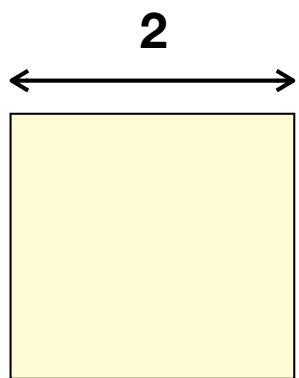
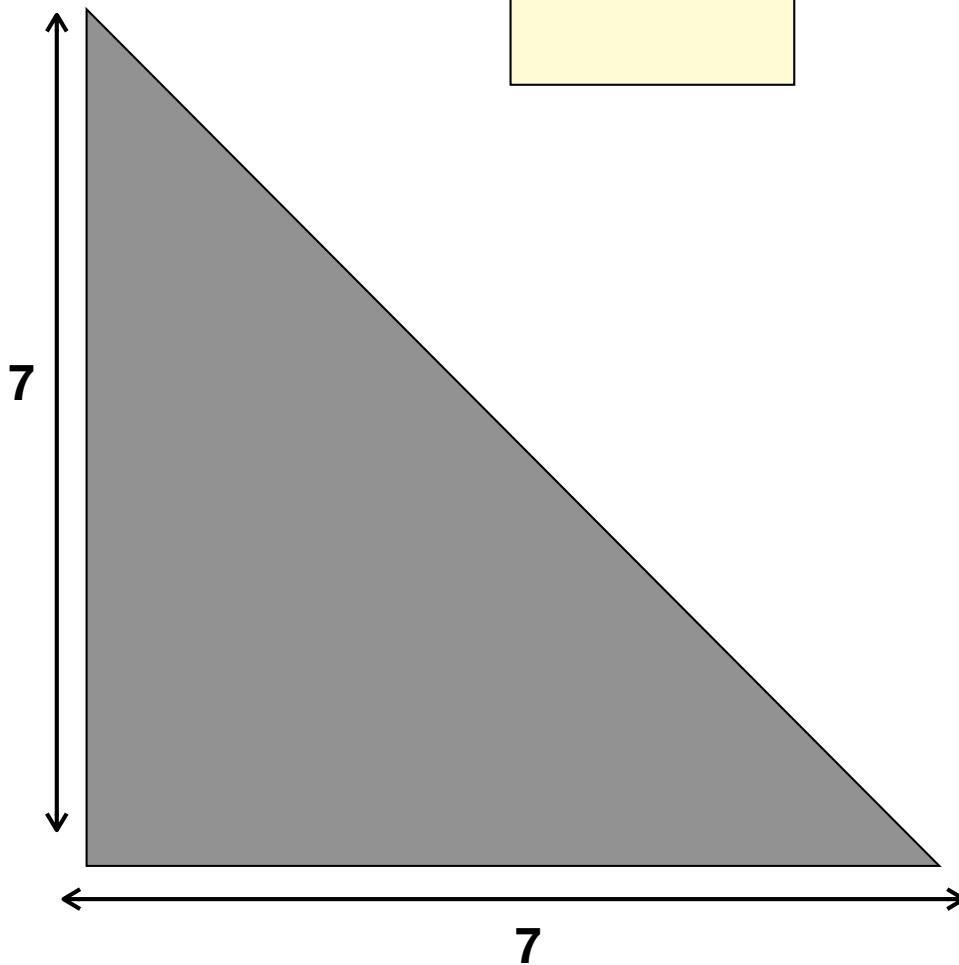


**If  $B == 5$**





If  $B == 7$

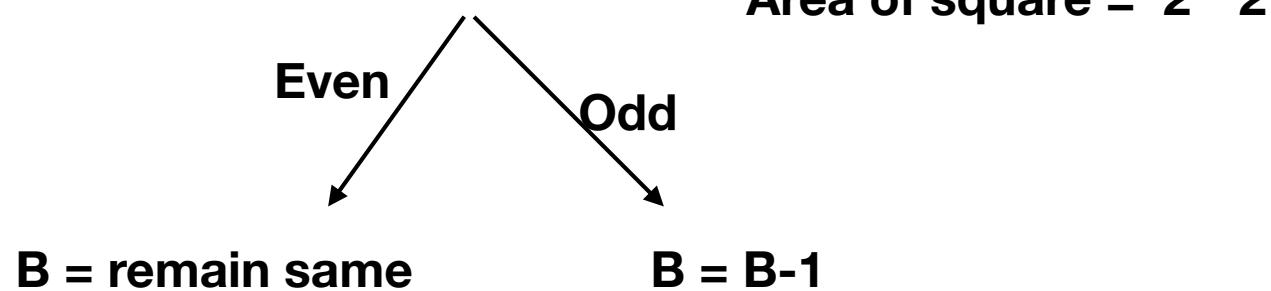


<b>Base value</b>	<b>No. Of square</b>
1	0
2	0
3	0
4	1
5	1
6	3
7	3
8	6
9	6
10	10
11	10

**Observation → Calculation**

**Total Area = Area of triangle**

**No. Of square = ( Total area - Base ) / 4**

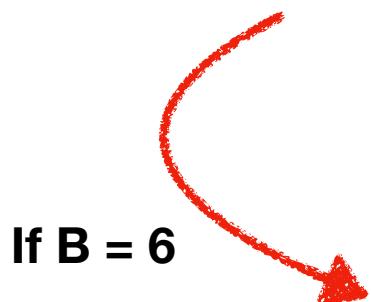


**If B = 6**

$$\text{Total area} = 0.5 * 6 * 6 = 18$$

$$\text{No. of square} = (18 - 6) / 4 = 3$$

**If B = 7**



$$\text{Total area} = 0.5 * 6 * 6 = 18$$

**If B = 6**

$$\text{No. of square} = (18 - 6) / 4 = 3$$

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## Hello World

*“ If you feel any problem then comments in my video  
I will reply as soon as possible ”*

*- Prince Agarwal*