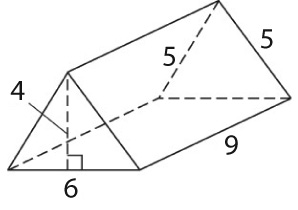
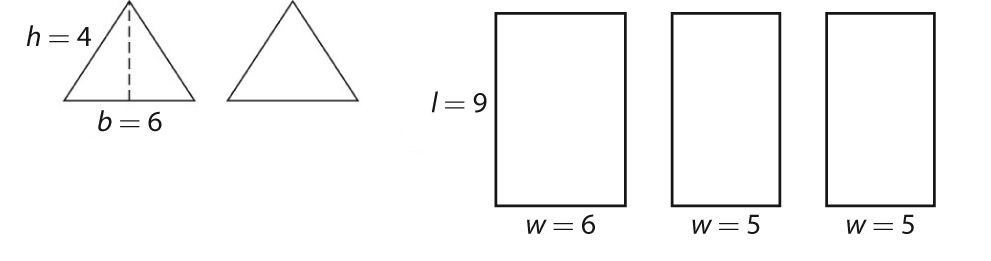
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| **MODULE:** 15 | **LESSON:** 1 | NETS AND SURFACE AREA |



To find the surface area of the regular triangular prism above,   
first find the area of each face or base.

2 congruent triangular bases 3 rectangular faces



*A*bh ÷ 2 *A*** *A***

6 x 4 ÷ 2  9 x 6 9 x 5

12 square units  54  45

Then, find the sum of all of the faces of the prism.

*SA* 12 12 54 45 45

168 square units

The same procedure can be used to find the surface area of a **pyramid**. The areas of the faces are added to the area of the base to give the total surface area.