

# Solving Problems With Multiplication and Division

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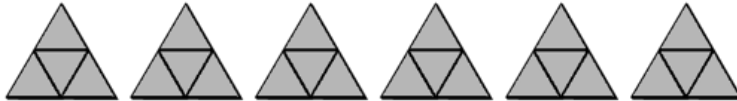
## Learning Goal

I can solve problems that might involve multiplication and division.

## Lesson Summary

- Multiplication is useful for solving a problem when many equal groups are created.

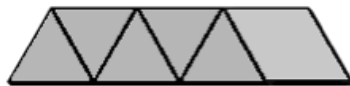
For example, a design is made with 4 triangles.  
Six copies of the design use  $6 \times 4$  triangles.



- Division is useful for solving a problem when a total number of items is put into equal groups.

For example:

- A total of 30 blocks is used to create copies of this design.



There are 6 blocks in the design.  
So, you could make  $30 \div 6$ , or 5, copies of the design.

## Solving Problems With Multiplication and Division (continued)

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- There is 1 rhombus per design. So, there would be  $30 \div 6$ , or 5, rhombuses in total.

