

## Instructions

Welcome to your fun Minecraft Math and Shapes challenge! Answer the questions below and use your creativity to solve the activities.

### 1. Minecraft Math Adventure

If you have 5 diamonds and find 3 more while mining, how many diamonds do you have in total? Write your answer:

### 2. Shape Scavenger Hunt

In Minecraft, you can find different shapes of blocks. List 3 different types of shaped blocks you can find in the game:

### 3. Adding Up the Blocks

You built a house with 4 square blocks as the base and added 2 rectangular blocks for the roof. How many blocks did you use in total? Show your work:

### 4. Shape Drawing Challenge

Draw your favorite shape from Minecraft in the box below. It can be a block, a character, or anything else!

### 5. Fun with Geometry

Write down what you think the perimeter of a square block is if each side measures 1 meter. You can use this formula:  $\text{Perimeter} = 4 \times \text{side length}$ . Show your answer here:

### 6. Creative Ending

Imagine you could create a new block in Minecraft. What shape would it be and what would it do? Describe your block here:

