

# Volume of Rectangular Prisms Worksheet

5th Grade - volume of rectangular prisms | 15 minutes

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Find the volume of each rectangular prism. Multiply length x width x height. Label your answer in cubic units.**

Example: A box 4 by 3 by 2:  $4 \times 3 \times 2 = 24$  cubic units.

1. A prism is 4 by 3 by 2. Find the volume.

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2. A prism is 5 by 2 by 3. Find the volume.

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3. A prism is 6 by 4 by 2. Find the volume.

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4. A cube has sides of 3. Find the volume.

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5. A prism is 5 by 5 by 2. Find the volume.

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6. A prism is 7 by 3 by 2. Find the volume.

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## Challenge

7. A fish tank is 10 by 4 by 5 inches. What is its volume?

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8. A prism has a volume of 24 cubic units and a base area of 12. What is its height?

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