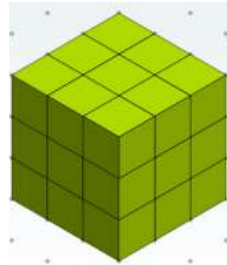# Volume of a Right Rectangular Prism Exit Quiz   Math 5

Determine if the given statements are **TRUE** or **FALSE**. Write **TRUE** if it is correct and if **FALSE**, change the underlined word, phrase, or number to make the statement **TRUE**.

_____1. If a rectangular prism is made up of <u>24</u> cubes, then its

volume is equal to 24 cubic units.

_____

_____2. The rectangular prism shown below has a volume of

<u>27 in^3</u> given that 1 = cm^3.

_____

_____3. A rectangular prism with a length of 4 cm, width of

6 cm, and height of 10 cm has a volume of <u>240 cm^3</u>.

_____

_____4. We can find the volume of a rectangular prism by

multiplying the <u>**base area**</u> and the height.

_____

_____5. If a rectangular prism has a base area of <u>**16 cm^2**</u> and a

height of 2 cm has a volume of 48 cm^3.

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