




## Exit Ticket S2 - Volume of a Prism

Name:.....

Date:.....

A standard die is a cube with sides measuring 15mm. What is the volume of the die?




**A**  $45mm^3$     **B**  $90mm^3$   
**C**  $225mm^3$     **D**  $3375mm^3$

Correct Answer: A B C D

Explanation:

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Which set of dimensions belongs to a cuboid with a volume of  $440\text{ cm}^3$  ?



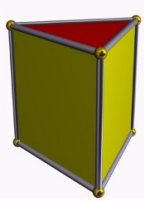
**A**  $6\text{cm}, 12\text{cm}, 5\text{cm}$   
**B**  $8\text{cm}, 5\text{cm}, 11\text{cm}$   
**C**  $100\text{cm}, 100\text{cm}, 240\text{cm}$   
**D**  $12\text{cm}, 2\text{cm}, 5\text{cm}$

Correct Answer: A B C D

Explanation:

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A triangular prism has a base area of  $7\text{ cm}^2$  and a volume of  $84\text{ cm}^3$ . The height of the prism must be



**A**  $3\text{cm}$     **B**  $6\text{cm}$   
**C**  $12\text{cm}$     **D**  $24\text{m}$

Correct Answer: A B C D

Explanation:

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