

Choose the correct answer.

2. Which is the volume of a room that is 8 meters long, 8 meters wide, and 3 meters high?

A. 384 cubic meters

C. 186 cubic meters

B. 192 cubic meters

D. 48 cubic meters

3. What is the volume of a rectangular prism that is 4 units by 3 units by 8 units?

A. 15 cubic units

C. 56 cubic units

B. 30 cubic units

D. 96 cubic units

4. Martin has a box with dimensions $3 \times 3 \times 5$. What are the dimensions of a box that will hold twice as many cubes as Martin's box?

A. $3 \times 6 \times 5$

C. $6 \times 6 \times 10$

B. $3 \times 6 \times 10$

D. $9 \times 3 \times 5$

5. Which is the volume of a rectangular prism with dimensions 3 centimeters by 5 centimeters by 8 centimeters?

A. 16 cubic centimeters

C. 120 cubic centimeters

B. 40 cubic centimeters

D. 240 cubic centimeters