

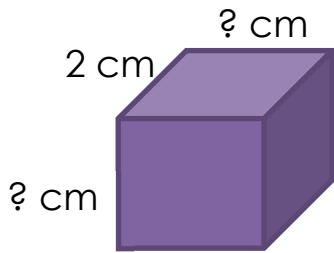


# Cubes

## Grade 5 Geometry Worksheet

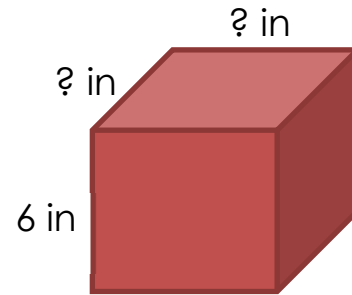
Which of these shapes are cubes?  
Circle them and prove that they are a cube.

1.



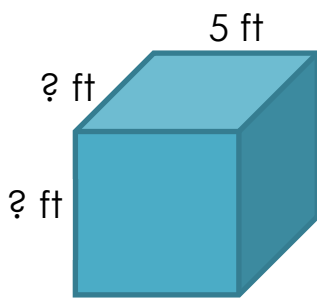
Volume =  $8 \text{ cm}^3$

2.



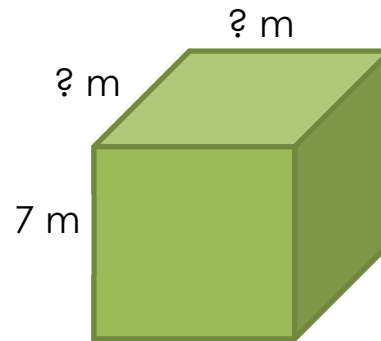
Volume =  $60 \text{ in}^3$

3.



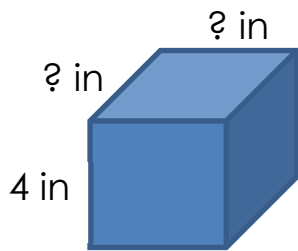
Volume =  $125 \text{ ft}^3$

4.



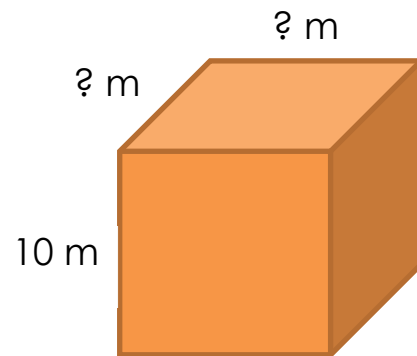
Volume =  $343 \text{ m}^3$

5.



Volume =  $27 \text{ in}^3$

6.



Volume =  $100 \text{ m}^3$



## Answers

Numbers 1, 3, and 4 are cubes, others are not.

1.  $2 \times 2 \times 2 = 8 \text{ cm}^3$

Yes, it is a cube.

2.  $6 \times 6 \times 6 = 216 \text{ in}^3$

Does not equal to  $60 \text{ in}^3$ . Not a cube.

3.  $5 \times 5 \times 5 = 125 \text{ ft}^3$

Yes, it is a cube.

4.  $7 \times 7 \times 7 = 343 \text{ m}^3$

Yes, it is a cube.

5.  $4 \times 4 \times 4 = 64 \text{ in}^3$

Does not equal to  $27 \text{ in}^3$ . Not a cube.

6.  $10 \times 10 \times 10 = 1000 \text{ m}^3$

Does not equal to  $100 \text{ m}^3$ . Not a cube.