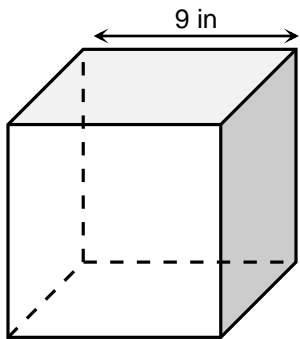Name _____ Date _____

Find the volume of the cube.

9 in

Find the volume of the rectangular prism.
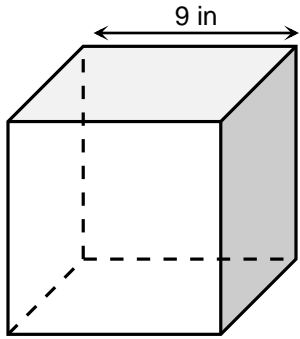
3 cm

3 cm

4 cm

Find the volume of the cube.

8 yd
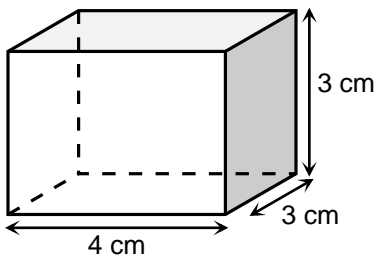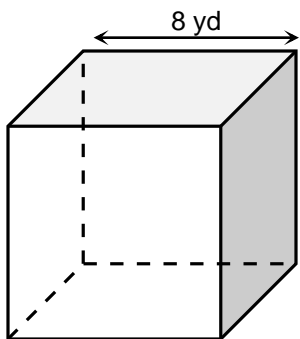
Answer Key

Find the volume of the cube.

9 in
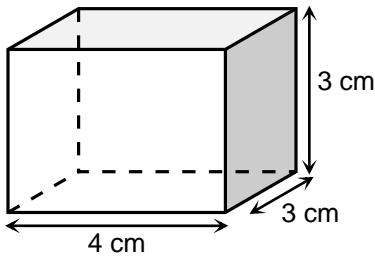
$V = a^3$
$V = (9 \text{ in})^3$
$V = 9 \text{ in} \times 9 \text{ in} \times 9 \text{ in}$
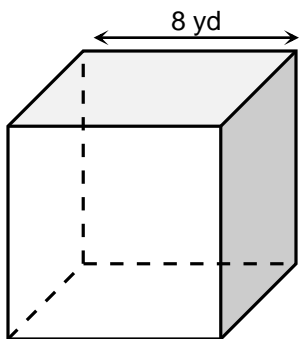$V = 729 \text{ in}^3$

Find the volume of the rectangular prism.

3 cm

3 cm

4 cm

$V = L \times W \times D$
$V = 4 \text{ cm} \times 3 \text{ cm} \times 3 \text{ cm}$
$V = 36 \text{ cm}^3$

Find the volume of the cube.

8 yd

$V = a^3$
$V = (8 \text{ yd})^3$
$V = 8 \text{ yd} \times 8 \text{ yd} \times 8 \text{ yd}$
$V = 512 \text{ yd}^3$