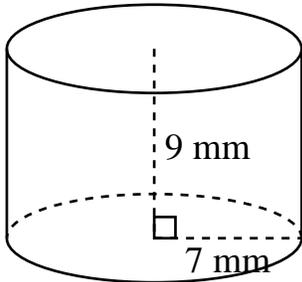
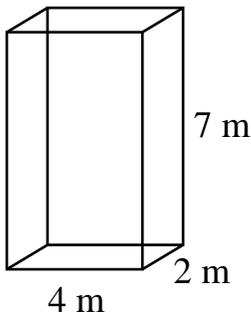


Solutions – Volume of 3D Shapes (A)



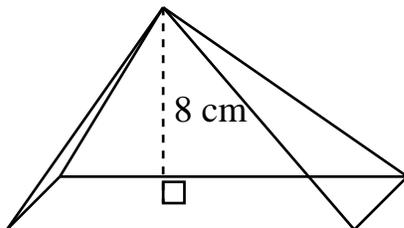
Find the volume. Give your answer as an exact value.

$$441\pi \text{ mm}^3$$



Find the volume.

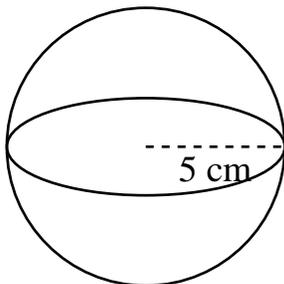
$$56 \text{ m}^3$$



Base area = 54 cm^2

Find the volume.

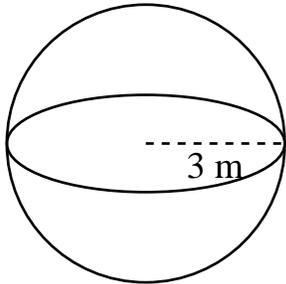
$$144 \text{ cm}^3$$



Find the volume. Give your answer as an exact value.

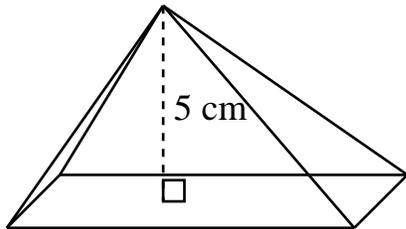
$$500\pi/3 \text{ cm}^3$$

Solutions – Volume of 3D Shapes (B)



Find the volume. Give your answer as an exact value.

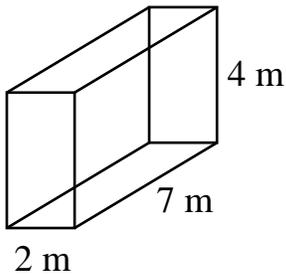
$$36\pi \text{ m}^3$$



$$\text{Base area} = 14 \text{ cm}^2$$

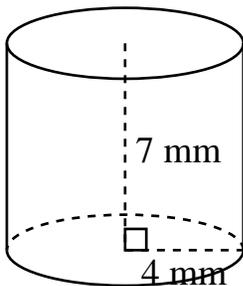
Find the volume.

$$70/3 \text{ cm}^3$$



Find the volume.

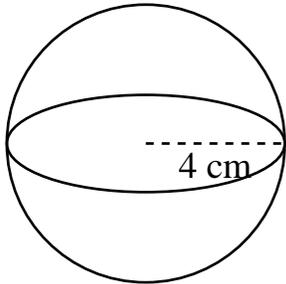
$$56 \text{ m}^3$$



Find the volume. Give your answer as an exact value.

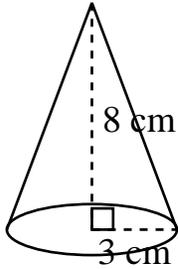
$$112\pi \text{ mm}^3$$

Solutions – Volume of 3D Shapes (C)



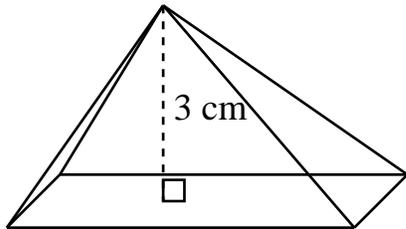
Find the volume. Give your answer as an exact value.

$$256\pi/3 \text{ cm}^3$$



Find the volume. Give your answer as an exact value.

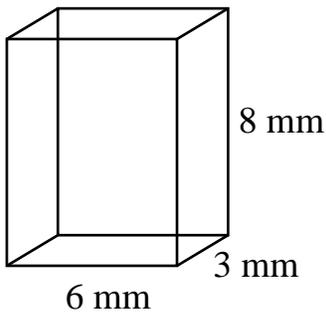
$$24\pi \text{ cm}^3$$



Base area = 25 cm^2

Find the volume.

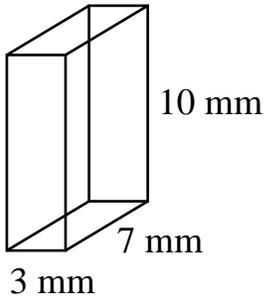
$$25 \text{ cm}^3$$



Find the volume.

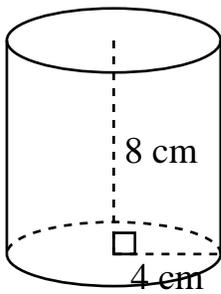
$$144 \text{ mm}^3$$

Solutions – Volume of 3D Shapes (D)



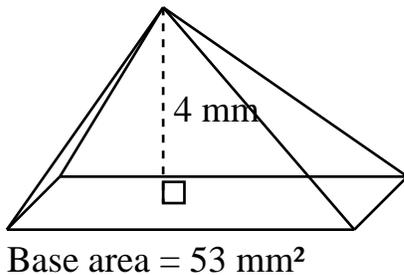
Find the volume.

$$210 \text{ mm}^3$$



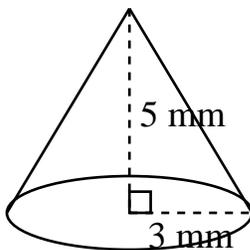
Find the volume. Give your answer as an exact value.

$$128\pi \text{ cm}^3$$



Find the volume.

$$212/3 \text{ mm}^3$$



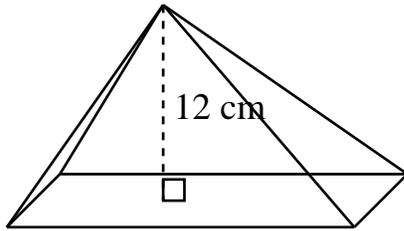
Find the volume. Give your answer as an exact value.

$$15\pi \text{ mm}^3$$

Solutions – Volume of 3D Shapes (E)

Find the volume.

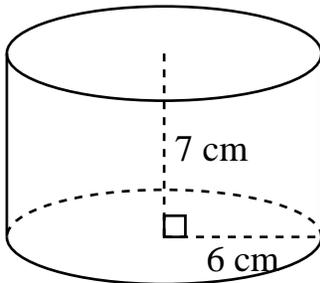
180 cm^3



Base area = 45 cm^2

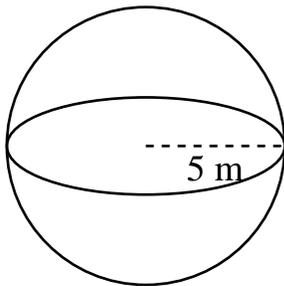
Find the volume. Give your answer as an exact value.

$252\pi \text{ cm}^3$



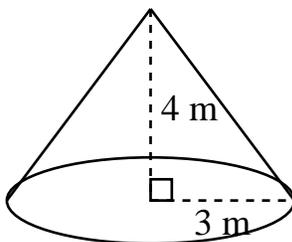
Find the volume. Give your answer as an exact value.

$500\pi/3 \text{ m}^3$

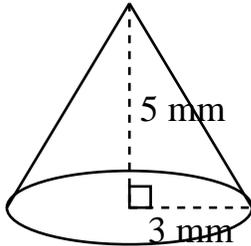


Find the volume. Give your answer as an exact value.

$12\pi \text{ m}^3$

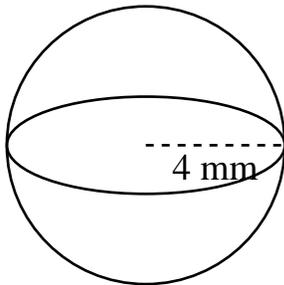


Solutions – Volume of 3D Shapes (F)



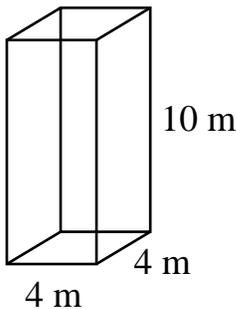
Find the volume. Give your answer as an exact value.

$$15\pi \text{ mm}^3$$



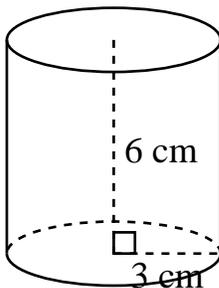
Find the volume. Give your answer as an exact value.

$$256\pi/3 \text{ mm}^3$$



Find the volume.

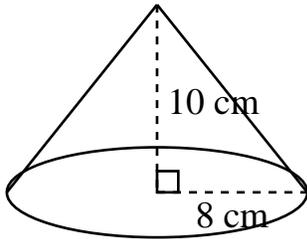
$$160 \text{ m}^3$$



Find the volume. Give your answer as an exact value.

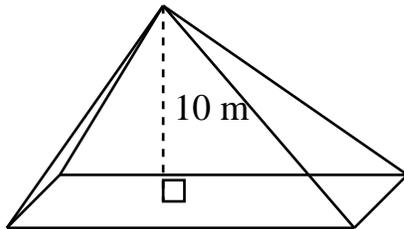
$$54\pi \text{ cm}^3$$

Solutions – Volume of 3D Shapes (G)



Find the volume. Give your answer as an exact value.

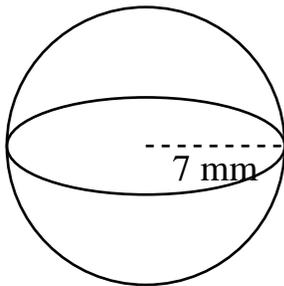
$$640\pi/3 \text{ cm}^3$$



Base area = 9 m^2

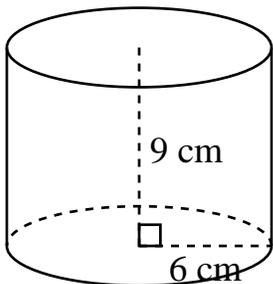
Find the volume.

$$30 \text{ m}^3$$



Find the volume. Give your answer as an exact value.

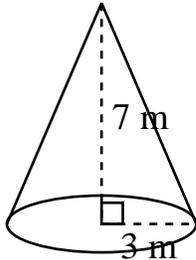
$$1372\pi/3 \text{ mm}^3$$



Find the volume. Give your answer as an exact value.

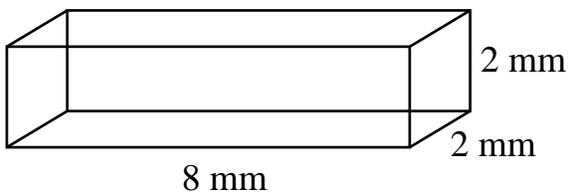
$$324\pi \text{ cm}^3$$

Solutions – Volume of 3D Shapes (H)



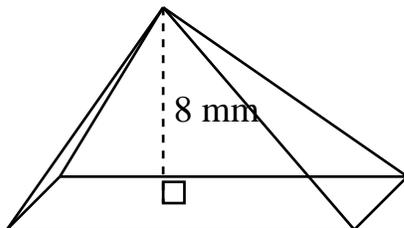
Find the volume. Give your answer as an exact value.

$$21\pi \text{ m}^3$$



Find the volume.

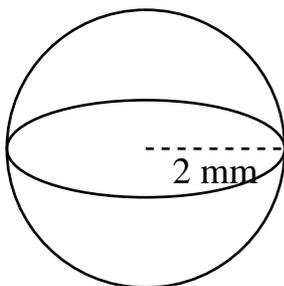
$$32 \text{ mm}^3$$



Base area = 50 mm^2

Find the volume.

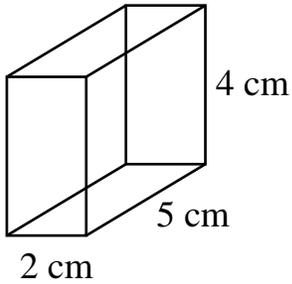
$$400/3 \text{ mm}^3$$



Find the volume. Give your answer as an exact value.

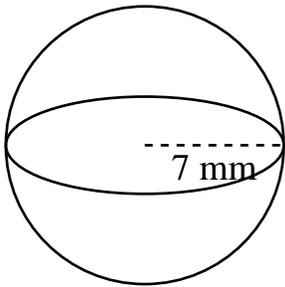
$$32\pi/3 \text{ mm}^3$$

Solutions – Volume of 3D Shapes (I)



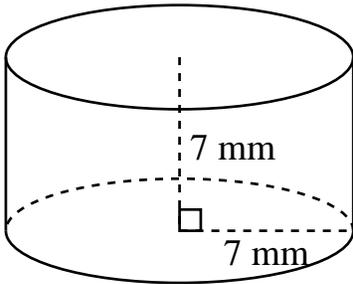
Find the volume.

$$40 \text{ cm}^3$$



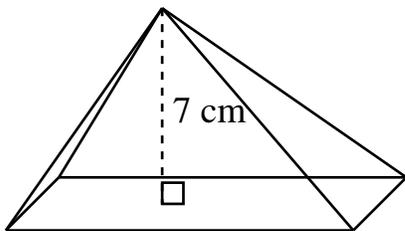
Find the volume. Give your answer as an exact value.

$$1372\pi/3 \text{ mm}^3$$



Find the volume. Give your answer as an exact value.

$$343\pi \text{ mm}^3$$

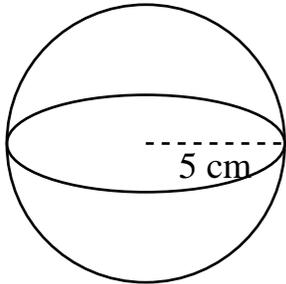


$$\text{Base area} = 8 \text{ cm}^2$$

Find the volume.

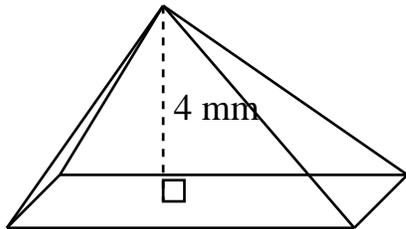
$$56/3 \text{ cm}^3$$

Solutions – Volume of 3D Shapes (J)



Find the volume. Give your answer as an exact value.

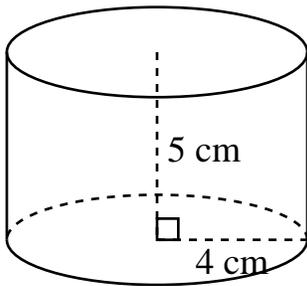
$$500\pi/3 \text{ cm}^3$$



$$\text{Base area} = 45 \text{ mm}^2$$

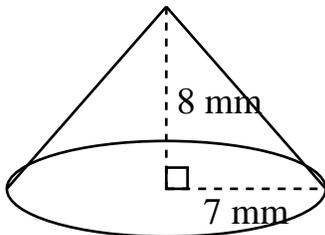
Find the volume.

$$60 \text{ mm}^3$$



Find the volume. Give your answer as an exact value.

$$80\pi \text{ cm}^3$$



Find the volume. Give your answer as an exact value.

$$392\pi/3 \text{ mm}^3$$