

## Solutions – Volume of a Sphere (A)

A sphere has radius 7 mm. Find the volume in terms of  $\pi$ .

**1372 $\pi$ /3 mm<sup>3</sup>**

A sphere has radius 4 cm. Find the volume in terms of  $\pi$ .

**256 $\pi$ /3 cm<sup>3</sup>**

A sphere has radius 2 m. Find the volume in terms of  $\pi$ .

**32 $\pi$ /3 m<sup>3</sup>**

A sphere has radius 6 m. Find the volume in terms of  $\pi$ .

**288 $\pi$  m<sup>3</sup>**

A sphere has radius 3 mm. Find the volume in terms of  $\pi$ .

**36 $\pi$  mm<sup>3</sup>**

A sphere has radius 8 cm. Find the volume in terms of  $\pi$ .

**2048 $\pi$ /3 cm<sup>3</sup>**

## Solutions – Volume of a Sphere (B)

A sphere has radius 1 mm. Find the volume in terms of  $\pi$ .

**$4\pi/3 \text{ mm}^3$**

A sphere has radius 2 m. Find the volume in terms of  $\pi$ .

**$32\pi/3 \text{ m}^3$**

A sphere has radius 10 m. Find the volume in terms of  $\pi$ .

**$4000\pi/3 \text{ m}^3$**

A sphere has radius 8 mm. Find the volume in terms of  $\pi$ .

**$2048\pi/3 \text{ mm}^3$**

A sphere has radius 5 cm. Find the volume in terms of  $\pi$ .

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

A sphere has radius 6 cm. Find the volume in terms of  $\pi$ .

**$288\pi \text{ cm}^3$**

## Solutions – Volume of a Sphere (C)

A sphere has radius 2 cm. Find the volume in terms of  $\pi$ .

**$32\pi/3 \text{ cm}^3$**

A sphere has radius 10 cm. Find the volume in terms of  $\pi$ .

**$4000\pi/3 \text{ cm}^3$**

A sphere has radius 1 m. Find the volume in terms of  $\pi$ .

**$4\pi/3 \text{ m}^3$**

A sphere has radius 3 mm. Find the volume in terms of  $\pi$ .

**$36\pi \text{ mm}^3$**

A sphere has radius 7 m. Find the volume in terms of  $\pi$ .

**$1372\pi/3 \text{ m}^3$**

A sphere has radius 6 mm. Find the volume in terms of  $\pi$ .

**$288\pi \text{ mm}^3$**

## Solutions – Volume of a Sphere (D)

A sphere has radius 3 cm. Find the volume in terms of  $\pi$ .

**36 $\pi$  cm<sup>3</sup>**

A sphere has radius 5 m. Find the volume in terms of  $\pi$ .

**500 $\pi$ /3 m<sup>3</sup>**

A sphere has radius 1 mm. Find the volume in terms of  $\pi$ .

**4 $\pi$ /3 mm<sup>3</sup>**

A sphere has radius 6 mm. Find the volume in terms of  $\pi$ .

**288 $\pi$  mm<sup>3</sup>**

A sphere has radius 2 cm. Find the volume in terms of  $\pi$ .

**32 $\pi$ /3 cm<sup>3</sup>**

A sphere has radius 10 m. Find the volume in terms of  $\pi$ .

**4000 $\pi$ /3 m<sup>3</sup>**

## Solutions – Volume of a Sphere (E)

A sphere has radius 6 mm. Find the volume in terms of  $\pi$ .

**288 $\pi$  mm<sup>3</sup>**

A sphere has radius 9 cm. Find the volume in terms of  $\pi$ .

**972 $\pi$  cm<sup>3</sup>**

A sphere has radius 1 cm. Find the volume in terms of  $\pi$ .

**4 $\pi$ /3 cm<sup>3</sup>**

A sphere has radius 8 m. Find the volume in terms of  $\pi$ .

**2048 $\pi$ /3 m<sup>3</sup>**

A sphere has radius 7 m. Find the volume in terms of  $\pi$ .

**1372 $\pi$ /3 m<sup>3</sup>**

A sphere has radius 4 mm. Find the volume in terms of  $\pi$ .

**256 $\pi$ /3 mm<sup>3</sup>**

## Solutions – Volume of a Sphere (F)

A sphere has radius 4 cm. Find the volume in terms of  $\pi$ .

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

A sphere has radius 1 mm. Find the volume in terms of  $\pi$ .

$4\pi/3 \text{ mm}^3$

A sphere has radius 2 m. Find the volume in terms of  $\pi$ .

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

A sphere has radius 5 cm. Find the volume in terms of  $\pi$ .

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

A sphere has radius 3 m. Find the volume in terms of  $\pi$ .

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

A sphere has radius 7 mm. Find the volume in terms of  $\pi$ .

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

## Solutions – Volume of a Sphere (G)

A sphere has radius 8 m. Find the volume in terms of  $\pi$ .

**$2048\pi/3 \text{ m}^3$**

A sphere has radius 1 cm. Find the volume in terms of  $\pi$ .

**$4\pi/3 \text{ cm}^3$**

A sphere has radius 3 mm. Find the volume in terms of  $\pi$ .

**$36\pi \text{ mm}^3$**

A sphere has radius 4 m. Find the volume in terms of  $\pi$ .

**$256\pi/3 \text{ m}^3$**

A sphere has radius 6 cm. Find the volume in terms of  $\pi$ .

**$288\pi \text{ cm}^3$**

A sphere has radius 10 mm. Find the volume in terms of  $\pi$ .

**$4000\pi/3 \text{ mm}^3$**

## Solutions – Volume of a Sphere (H)

A sphere has radius 2 m. Find the volume in terms of  $\pi$ .

**$32\pi/3 \text{ m}^3$**

A sphere has radius 9 cm. Find the volume in terms of  $\pi$ .

**$972\pi \text{ cm}^3$**

A sphere has radius 7 m. Find the volume in terms of  $\pi$ .

**$1372\pi/3 \text{ m}^3$**

A sphere has radius 5 mm. Find the volume in terms of  $\pi$ .

**$500\pi/3 \text{ mm}^3$**

A sphere has radius 1 cm. Find the volume in terms of  $\pi$ .

**$4\pi/3 \text{ cm}^3$**

A sphere has radius 8 mm. Find the volume in terms of  $\pi$ .

**$2048\pi/3 \text{ mm}^3$**

## Solutions – Volume of a Sphere (I)

A sphere has radius 6 cm. Find the volume in terms of  $\pi$ .

**288 $\pi$  cm<sup>3</sup>**

A sphere has radius 5 m. Find the volume in terms of  $\pi$ .

**500 $\pi$ /3 m<sup>3</sup>**

A sphere has radius 7 m. Find the volume in terms of  $\pi$ .

**1372 $\pi$ /3 m<sup>3</sup>**

A sphere has radius 8 cm. Find the volume in terms of  $\pi$ .

**2048 $\pi$ /3 cm<sup>3</sup>**

A sphere has radius 9 mm. Find the volume in terms of  $\pi$ .

**972 $\pi$  mm<sup>3</sup>**

A sphere has radius 10 mm. Find the volume in terms of  $\pi$ .

**4000 $\pi$ /3 mm<sup>3</sup>**

## Solutions – Volume of a Sphere (J)

A sphere has radius 8 cm. Find the volume in terms of  $\pi$ .

**2048 $\pi$ /3 cm<sup>3</sup>**

A sphere has radius 5 mm. Find the volume in terms of  $\pi$ .

**500 $\pi$ /3 mm<sup>3</sup>**

A sphere has radius 10 m. Find the volume in terms of  $\pi$ .

**4000 $\pi$ /3 m<sup>3</sup>**

A sphere has radius 3 m. Find the volume in terms of  $\pi$ .

**36 $\pi$  m<sup>3</sup>**

A sphere has radius 9 cm. Find the volume in terms of  $\pi$ .

**972 $\pi$  cm<sup>3</sup>**

A sphere has radius 2 mm. Find the volume in terms of  $\pi$ .

**32 $\pi$ /3 mm<sup>3</sup>**