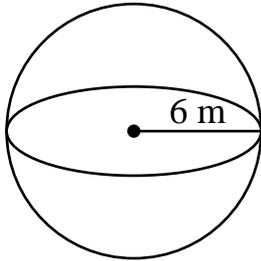
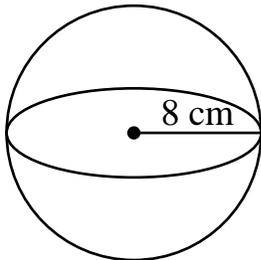


## Solutions – Surface Area of a Sphere (A)



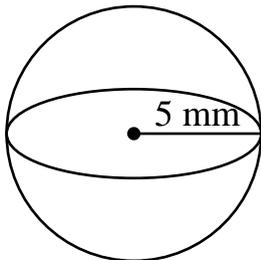
Find the surface area. Give your answer as an exact value.

$$144\pi \text{ m}^2$$



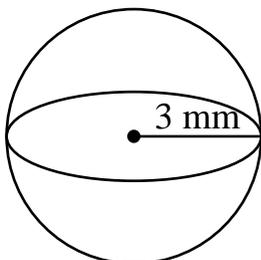
Find the surface area. Give your answer as an exact value.

$$256\pi \text{ cm}^2$$



Find the surface area. Give your answer as an exact value.

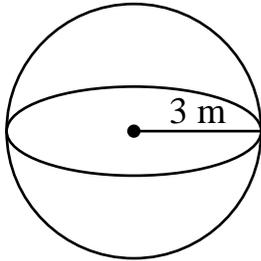
$$100\pi \text{ mm}^2$$



Find the surface area. Give your answer as an exact value.

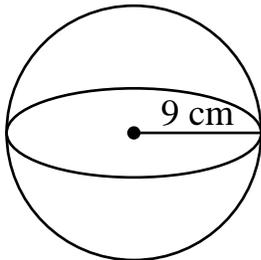
$$36\pi \text{ mm}^2$$

## Solutions – Surface Area of a Sphere (B)



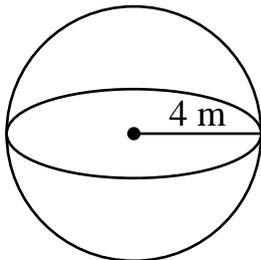
Find the surface area. Give your answer as an exact value.

$$36\pi \text{ m}^2$$



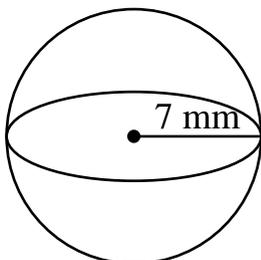
Find the surface area. Give your answer as an exact value.

$$324\pi \text{ cm}^2$$



Find the surface area. Give your answer as an exact value.

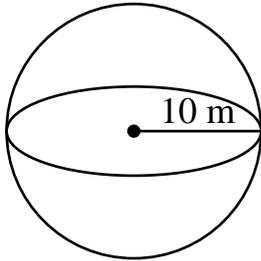
$$64\pi \text{ m}^2$$



Find the surface area. Give your answer as an exact value.

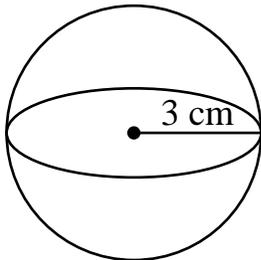
$$196\pi \text{ mm}^2$$

## Solutions – Surface Area of a Sphere (C)



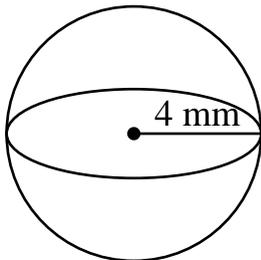
Find the surface area. Give your answer as an exact value.

$$400\pi \text{ m}^2$$



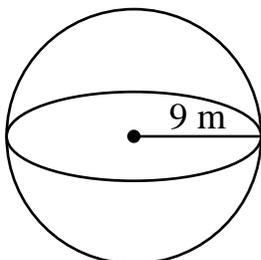
Find the surface area. Give your answer as an exact value.

$$36\pi \text{ cm}^2$$



Find the surface area. Give your answer as an exact value.

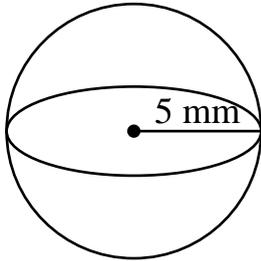
$$64\pi \text{ mm}^2$$



Find the surface area. Give your answer as an exact value.

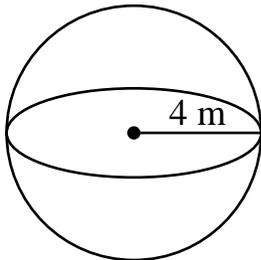
$$324\pi \text{ m}^2$$

## Solutions – Surface Area of a Sphere (D)



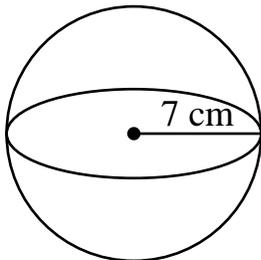
Find the surface area. Give your answer as an exact value.

$$100\pi \text{ mm}^2$$



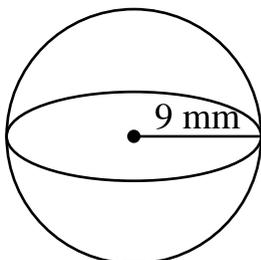
Find the surface area. Give your answer as an exact value.

$$64\pi \text{ m}^2$$



Find the surface area. Give your answer as an exact value.

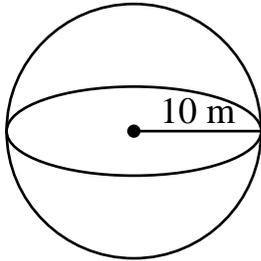
$$196\pi \text{ cm}^2$$



Find the surface area. Give your answer as an exact value.

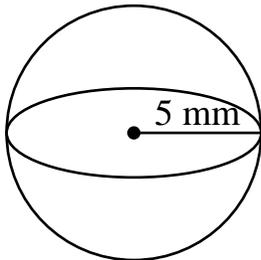
$$324\pi \text{ mm}^2$$

## Solutions – Surface Area of a Sphere (E)



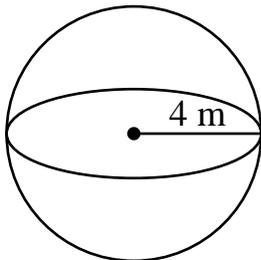
Find the surface area. Give your answer as an exact value.

$$400\pi \text{ m}^2$$



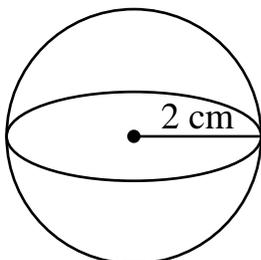
Find the surface area. Give your answer as an exact value.

$$100\pi \text{ mm}^2$$



Find the surface area. Give your answer as an exact value.

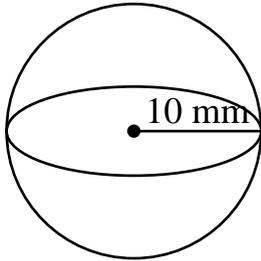
$$64\pi \text{ m}^2$$



Find the surface area. Give your answer as an exact value.

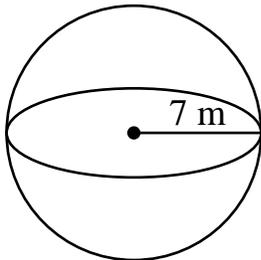
$$16\pi \text{ cm}^2$$

## Solutions – Surface Area of a Sphere (F)



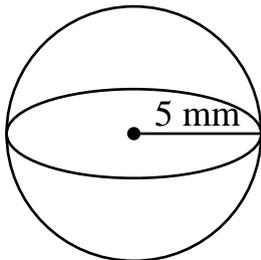
Find the surface area. Give your answer as an exact value.

$$400\pi \text{ mm}^2$$



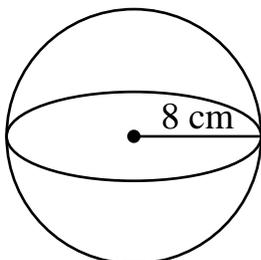
Find the surface area. Give your answer as an exact value.

$$196\pi \text{ m}^2$$



Find the surface area. Give your answer as an exact value.

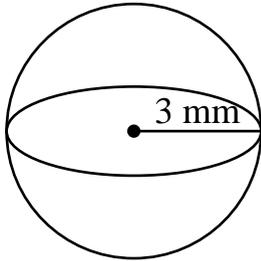
$$100\pi \text{ mm}^2$$



Find the surface area. Give your answer as an exact value.

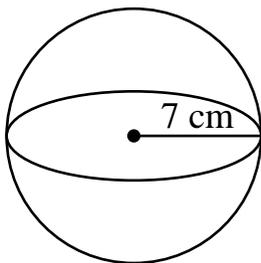
$$256\pi \text{ cm}^2$$

## Solutions – Surface Area of a Sphere (G)



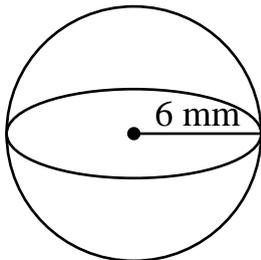
Find the surface area. Give your answer as an exact value.

$$36\pi \text{ mm}^2$$



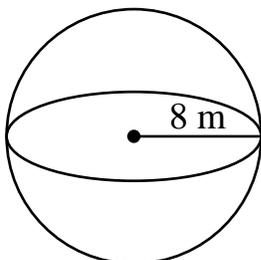
Find the surface area. Give your answer as an exact value.

$$196\pi \text{ cm}^2$$



Find the surface area. Give your answer as an exact value.

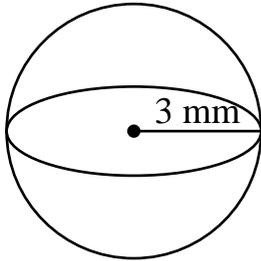
$$144\pi \text{ mm}^2$$



Find the surface area. Give your answer as an exact value.

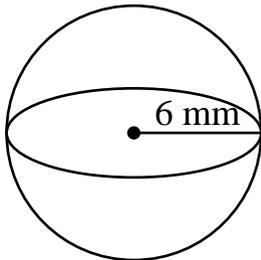
$$256\pi \text{ m}^2$$

## Solutions – Surface Area of a Sphere (H)



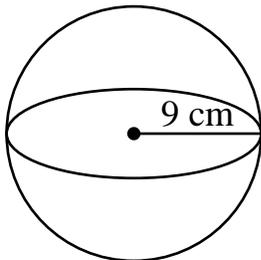
Find the surface area. Give your answer as an exact value.

$$36\pi \text{ mm}^2$$



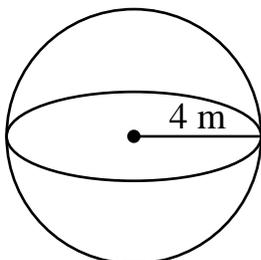
Find the surface area. Give your answer as an exact value.

$$144\pi \text{ mm}^2$$



Find the surface area. Give your answer as an exact value.

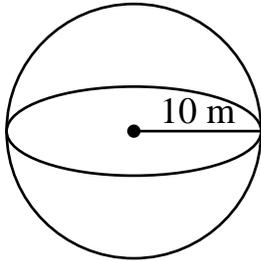
$$324\pi \text{ cm}^2$$



Find the surface area. Give your answer as an exact value.

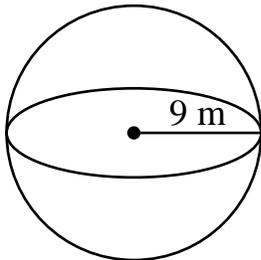
$$64\pi \text{ m}^2$$

## Solutions – Surface Area of a Sphere (I)



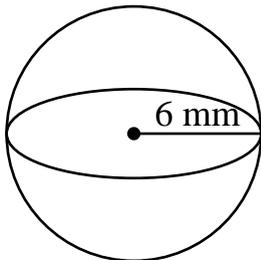
Find the surface area. Give your answer as an exact value.

$$400\pi \text{ m}^2$$



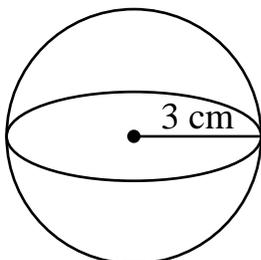
Find the surface area. Give your answer as an exact value.

$$324\pi \text{ m}^2$$



Find the surface area. Give your answer as an exact value.

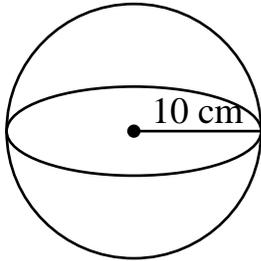
$$144\pi \text{ mm}^2$$



Find the surface area. Give your answer as an exact value.

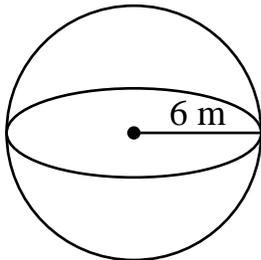
$$36\pi \text{ cm}^2$$

## Solutions – Surface Area of a Sphere (J)



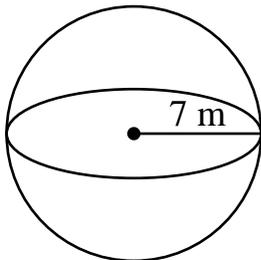
Find the surface area. Give your answer as an exact value.

$$400\pi \text{ cm}^2$$



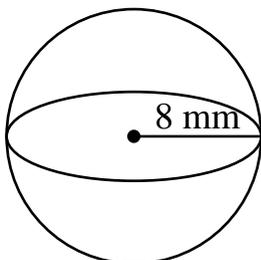
Find the surface area. Give your answer as an exact value.

$$144\pi \text{ m}^2$$



Find the surface area. Give your answer as an exact value.

$$196\pi \text{ m}^2$$



Find the surface area. Give your answer as an exact value.

$$256\pi \text{ mm}^2$$