

## **Surface Area**

Find the <u>surface area</u> of each solid to the nearest tenth. (use  $\pi = 3.14$ )

1.



$$a = 48 \text{ cm}$$

$$b = 22 \text{ cm}$$

$$c = 26 \text{ cm}$$

2.



$$a = 5 \text{ mm}$$

$$b = 12 \text{ mm}$$

$$c = 5.7 \text{ mm}$$

$$d = 13 \text{ mm}$$

3.



$$a = 44 \text{ in}$$

$$b = 39 \text{ in}$$

$$c = 44 \text{ in}$$

4.



$$a = 19 \text{ mm}$$

$$b = 14.4 \text{ mm}$$

5.



$$a = 18.8 \text{ cm}$$

$$b = 9.7 \text{ cm}$$

6.



$$a = 56 in$$

$$b = 77 in$$

$$c = 66 in$$

$$d = 65 \text{ in}$$

7.



- a = 8 mm
- b = 15 mm
- c = 3.4 mm
- d = 17 mm

8



a = 45 in

$$b = 62 \text{ in}$$

$$c = 56 in$$

$$d = 53 \text{ in}$$

9.



a = 5.2 cm

$$b = 9.5 \text{ cm}$$

$$c = 6.2 \text{ cm}$$

10.



- a = 33 cm
- b = 6 cm

$$c = 8 cm$$

11.



a = 10 mm

$$b = 9 \text{ mm}$$

12.



a = 24 in

$$b = 45 \text{ in}$$

$$c = 4.5 \text{ in}$$

$$d = 51 \text{ in}$$