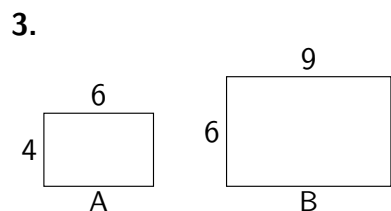
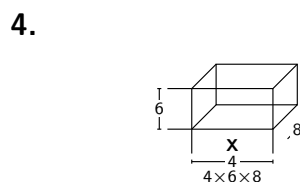
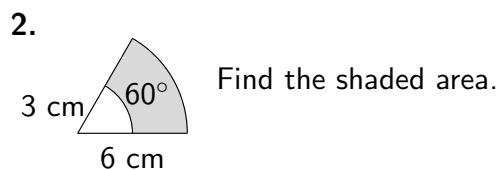
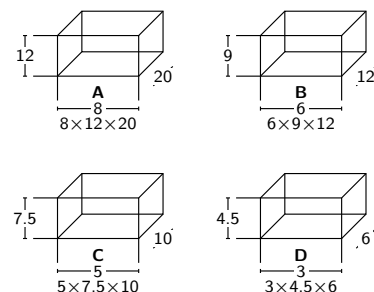


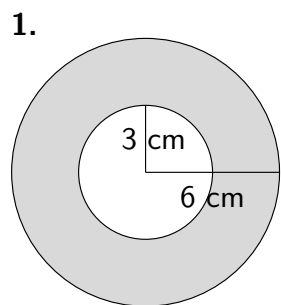
Find the shaded area.



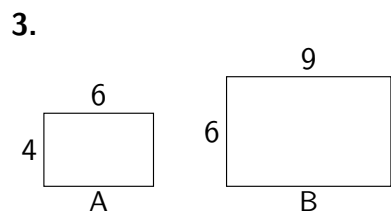
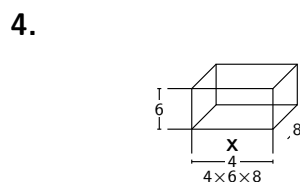
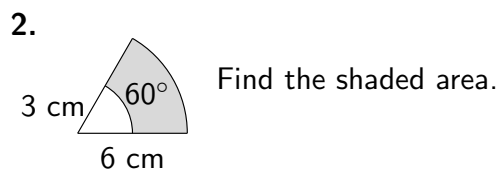
Find the scale factor mapping $A \rightarrow B$.



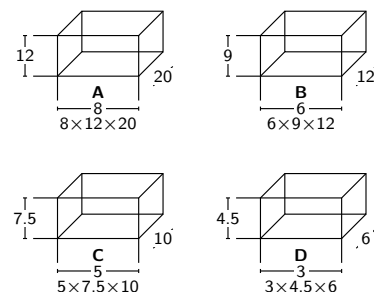
Which are similar to X?



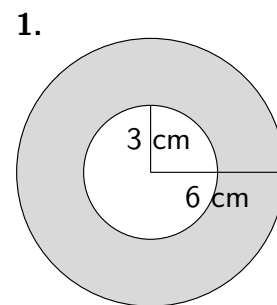
Find the shaded area.



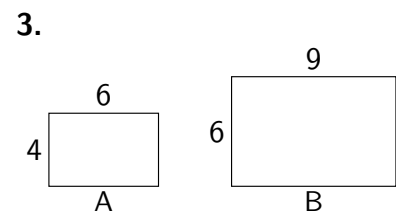
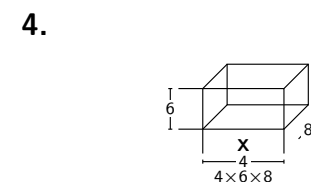
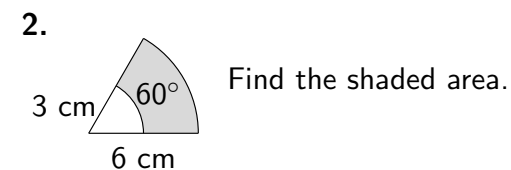
Find the scale factor mapping $A \rightarrow B$.



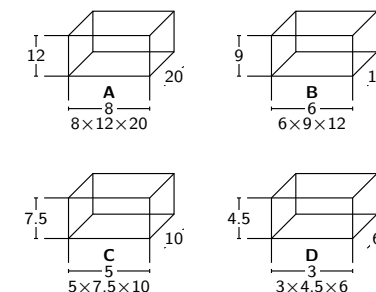
Which are similar to X?



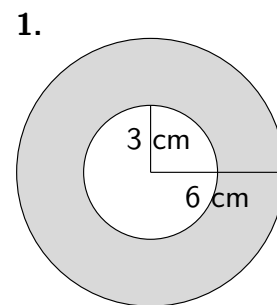
Find the shaded area.



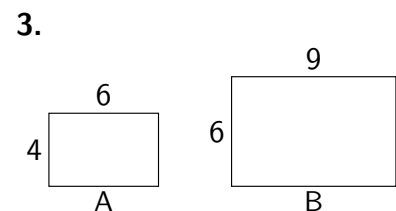
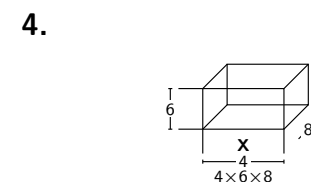
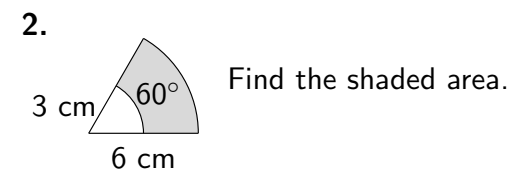
Find the scale factor mapping $A \rightarrow B$.



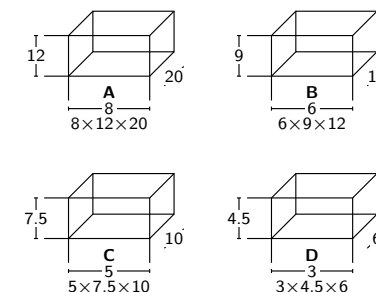
Which are similar to X?



Find the shaded area.

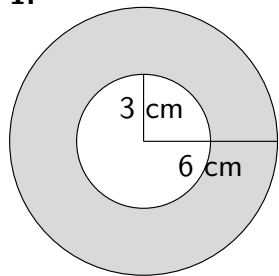


Find the scale factor mapping $A \rightarrow B$.



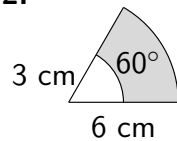
Which are similar to X?

1.



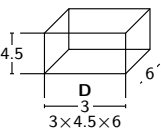
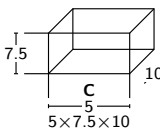
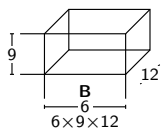
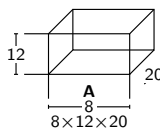
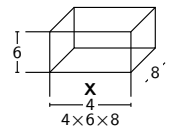
$$\pi 6^2 - \pi 3^2 = 27\pi \text{ cm}^2$$

2.



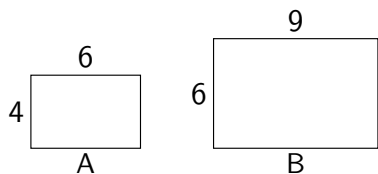
$$\frac{60}{360} \times 27\pi = \frac{1}{6} \times 27\pi = 4.5\pi \text{ cm}^2$$

4.



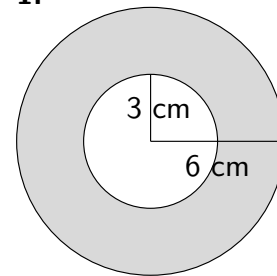
Similar shapes: B, C, D

3.



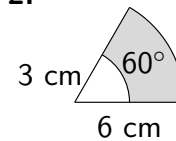
Scale factor = 1.5

1.



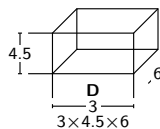
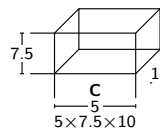
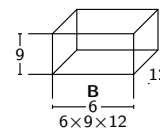
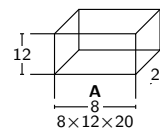
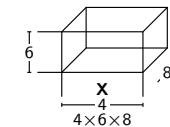
$$\pi 6^2 - \pi 3^2 = 27\pi \text{ cm}^2$$

2.



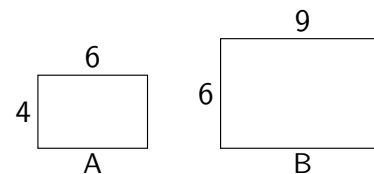
$$\frac{60}{360} \times 27\pi = \frac{1}{6} \times 27\pi = 4.5\pi \text{ cm}^2$$

4.



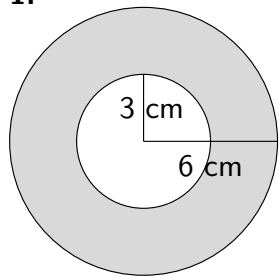
Similar shapes: B, C, D

3.



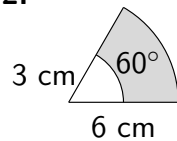
Scale factor = 1.5

1.



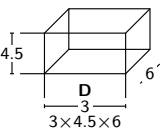
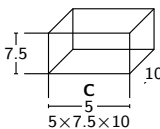
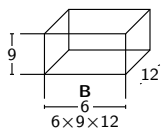
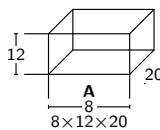
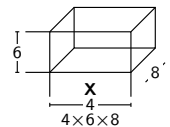
$$\pi 6^2 - \pi 3^2 = 27\pi \text{ cm}^2$$

2.



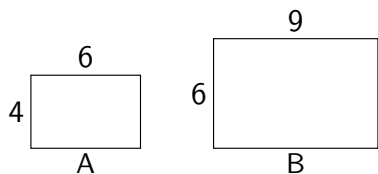
$$\frac{60}{360} \times 27\pi = \frac{1}{6} \times 27\pi = 4.5\pi \text{ cm}^2$$

4.



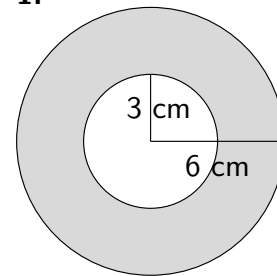
Similar shapes: B, C, D

3.



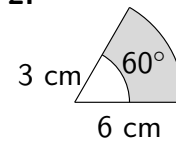
Scale factor = 1.5

1.



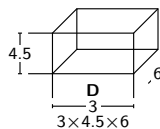
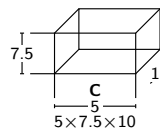
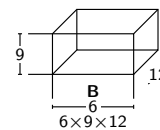
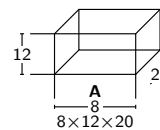
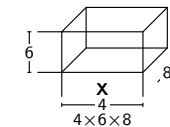
$$\pi 6^2 - \pi 3^2 = 27\pi \text{ cm}^2$$

2.



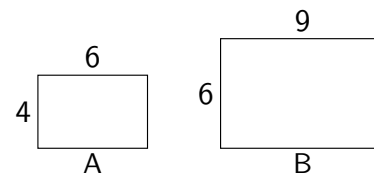
$$\frac{60}{360} \times 27\pi = \frac{1}{6} \times 27\pi = 4.5\pi \text{ cm}^2$$

4.



Similar shapes: B, C, D

3.



Scale factor = 1.5