1. Draw a cube.

2. Draw a pyramid.

3. Draw a triangular prism.
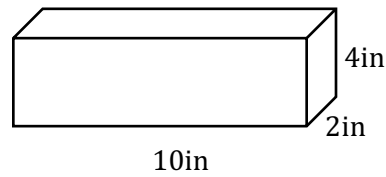
**Fill in the formula for each:**

Area of a triangle: _____  Volume of a prism: _____  Volume of a pyramid: _____
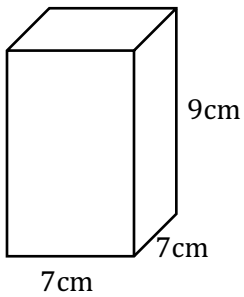
**Calculate the volume.  Don't forget to include the units!**

4. What is the difference between the volume of a prism and a pyramid that have the same base and height?
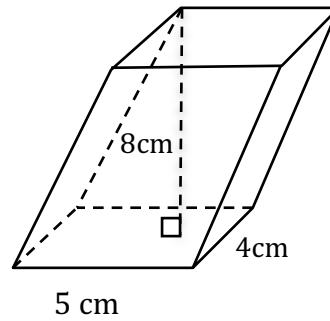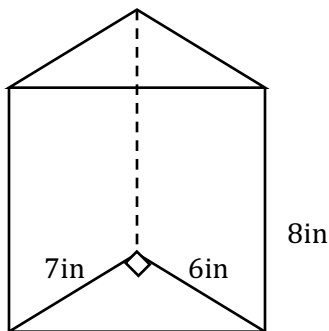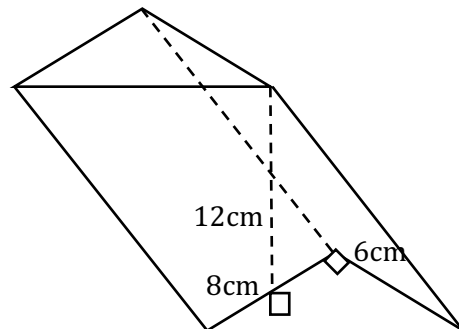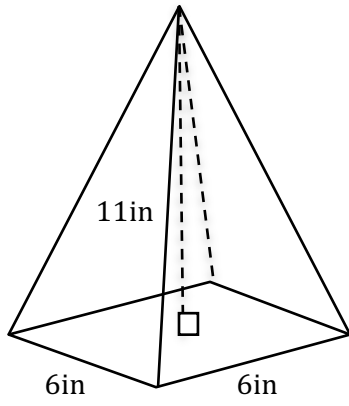
5.



4in

2in

10in

6.



9cm

7cm

7cm

7.



8cm

4cm

5 cm

8.



8in

7in    6in

9.



12cm

6cm

8cm

10.

11.



11in

6in    6in

7cm

7cm    7cm

12.

13.



5in

4in

8in

11cm

8cm    5cm
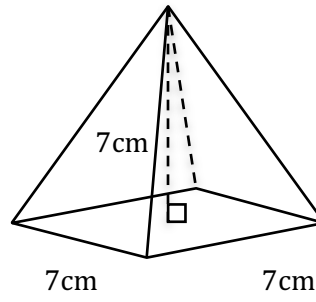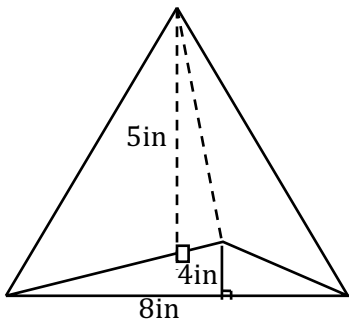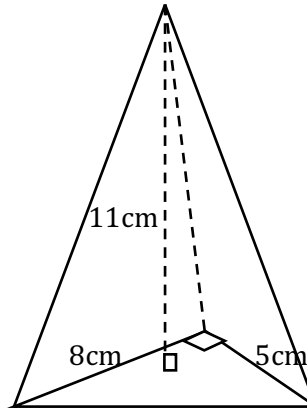
14. Which has more volume?  Why?



15in

7in    6 in

15in
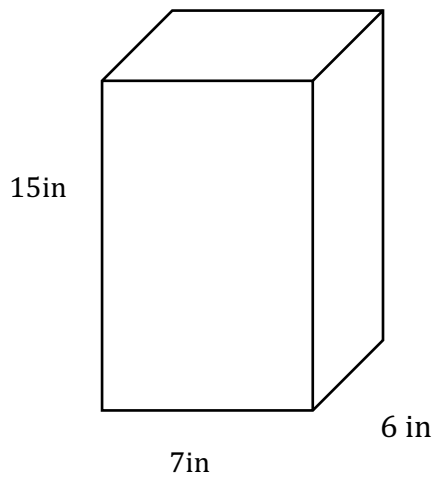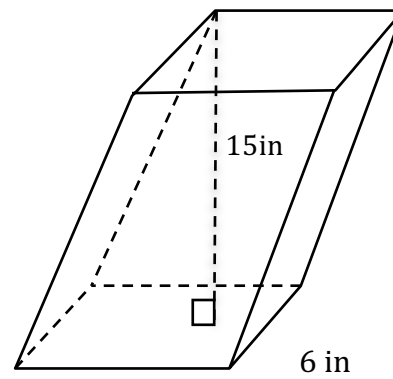
7in    6 in

Selected Answers:

5. $80\,in^3$

7. $160\,cm^3$

9. $288\;cm^3$

11. $\dfrac{343}{3}\,cm^3$

13. $\dfrac{220}{3}\,cm^3$