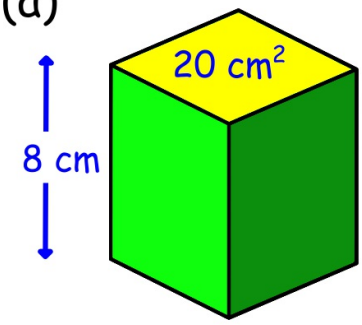
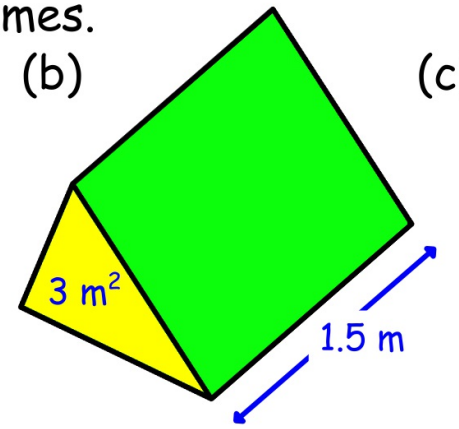
PRISMS

1. Calculate the volumes.

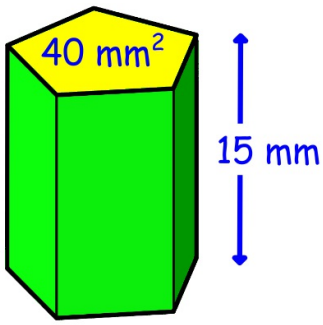
(a)



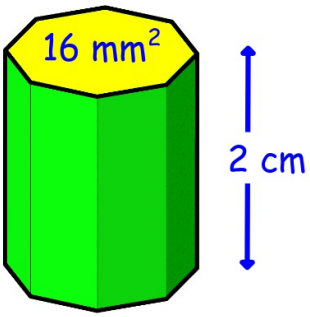
(b)



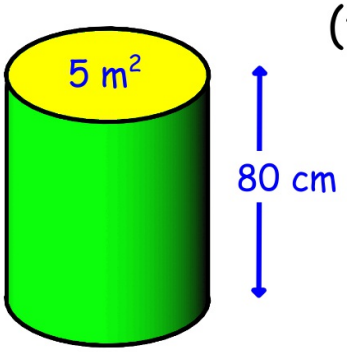
(c)



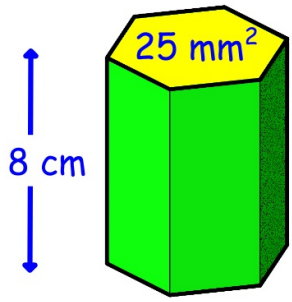
(d)



(e)

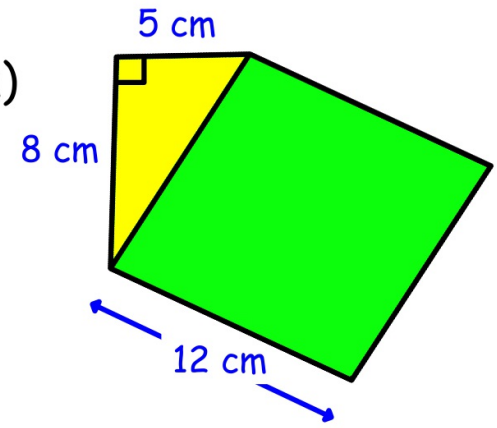


(f)

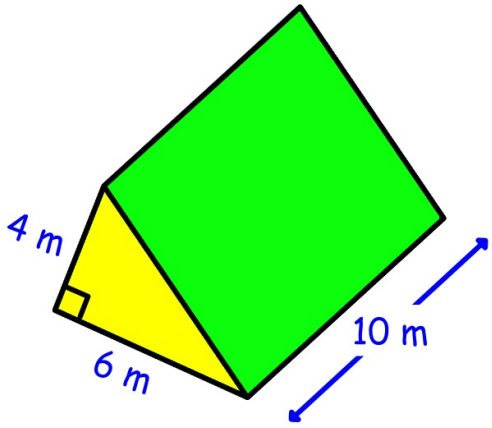


2. Calculate the area of the face and then the volume.

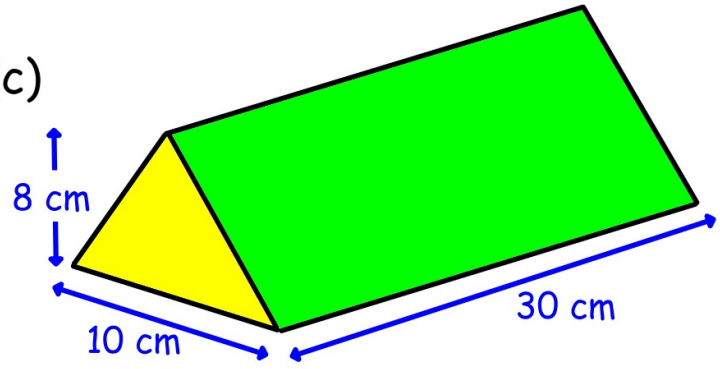
(a)



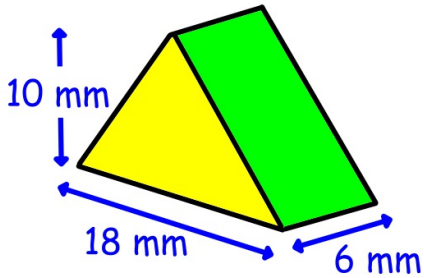
(b)



(c)

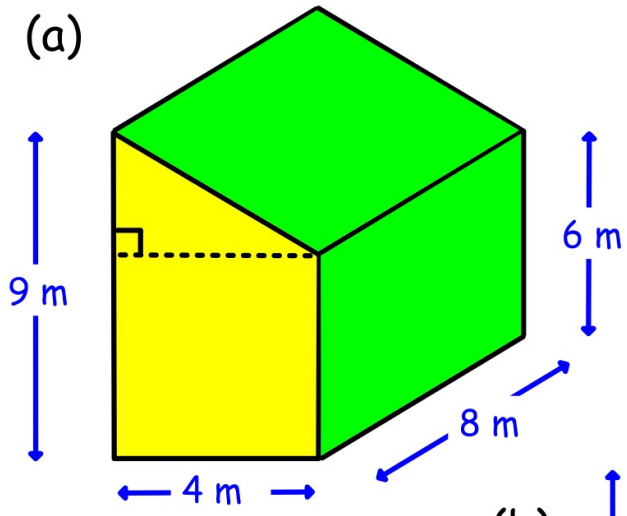


(d)

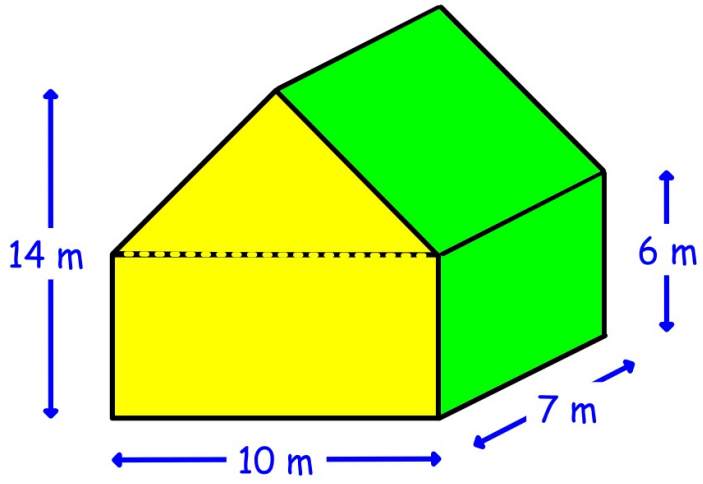


3. Calculate the area of the face and then the volume.

(a)

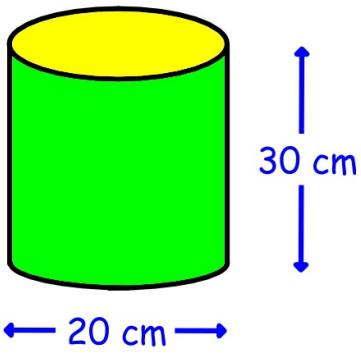


(b)

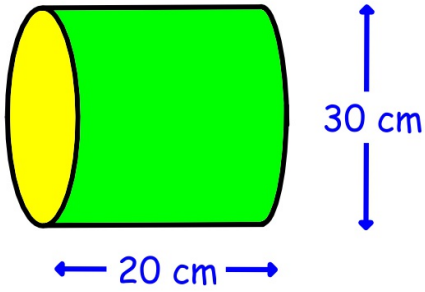


4. Calculate the volume using $V = \pi r^2 h$.

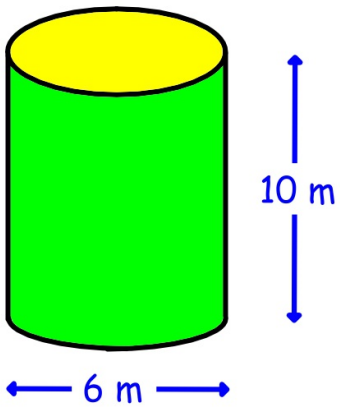
(a)



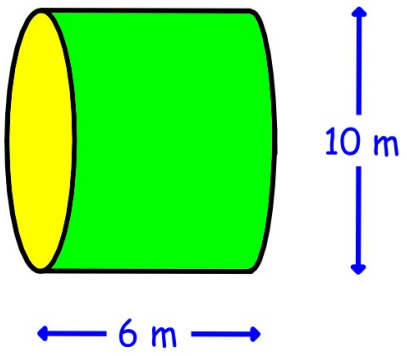
(b)



(c)



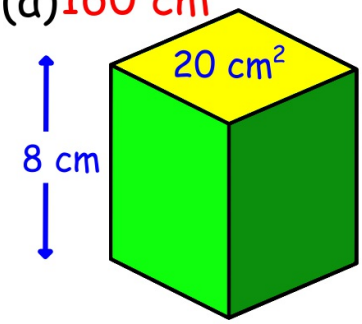
(d)



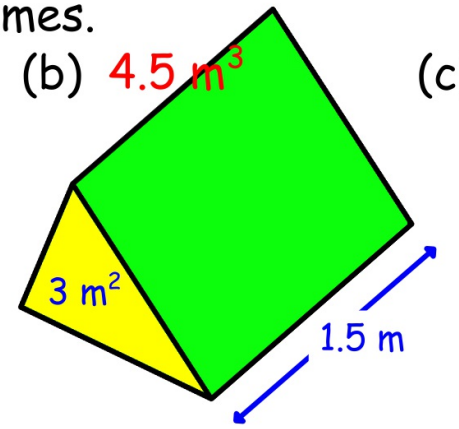
PRISMS

1. Calculate the volumes.

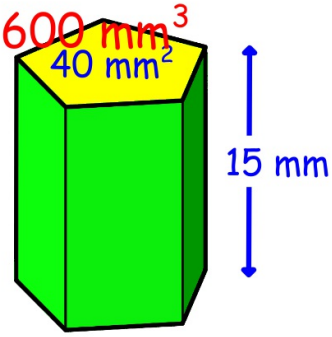
(a) 160 cm^3



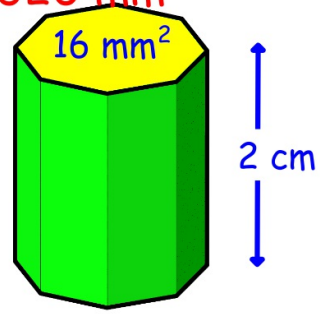
(b) 4.5 m^3



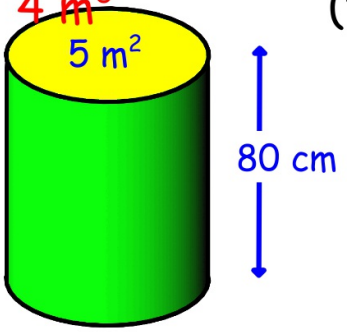
(c) 600 mm^3



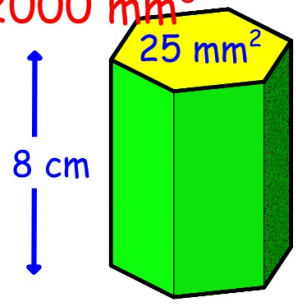
(d) 320 mm^3



(e) 4 m^3

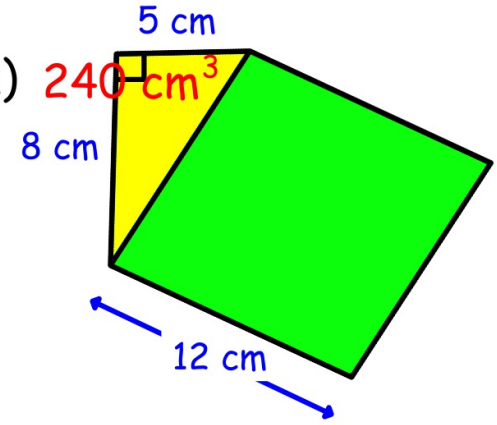


(f) 2000 mm^3

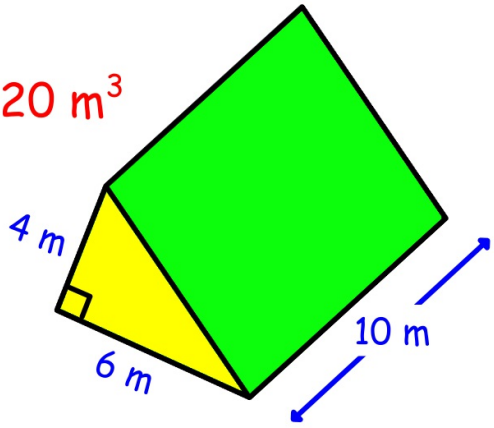


2. Calculate the area of the face and then the volume.

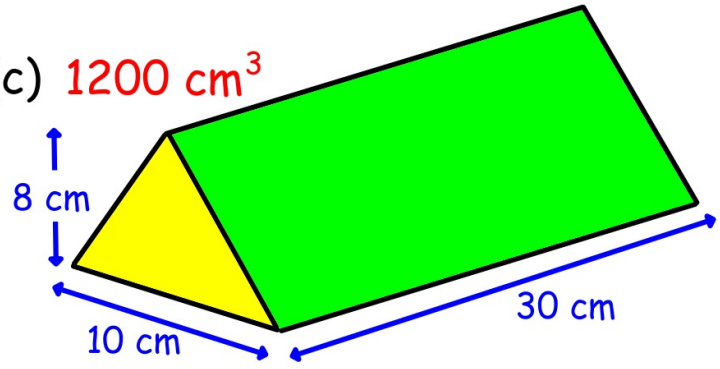
(a) 240 cm^3



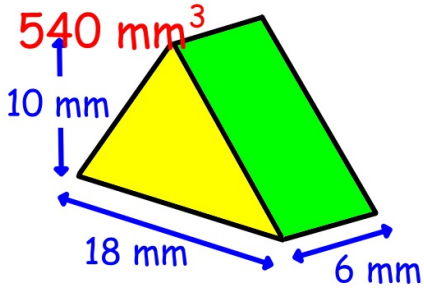
(b) 120 m^3



(c) 1200 cm^3

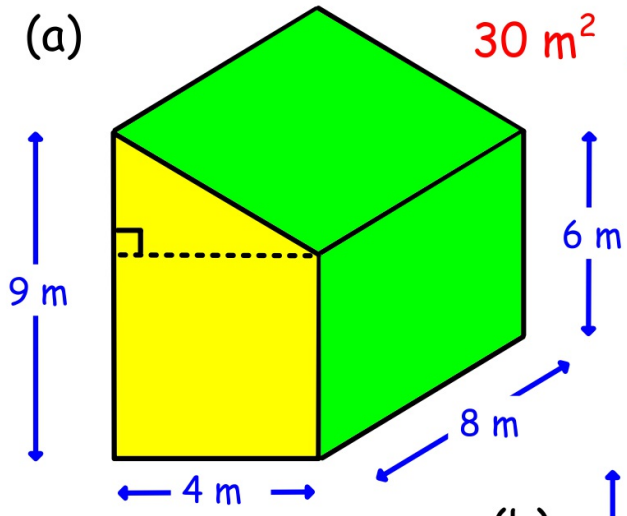


(d) 540 mm^3

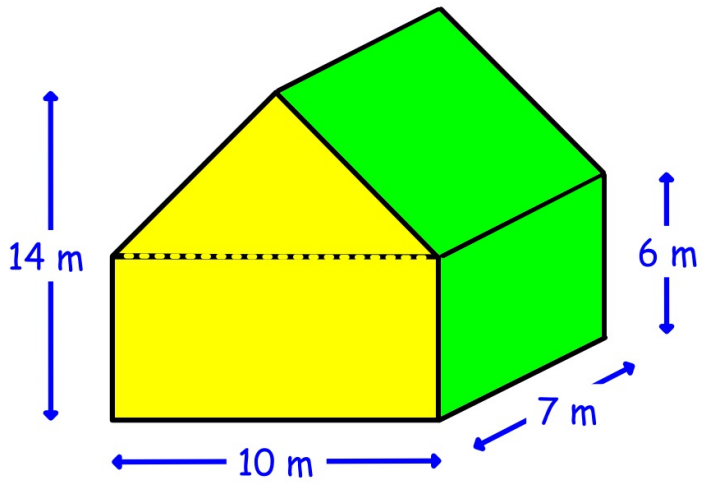


3. Calculate the area of the face and then the volume.

(a) $30\ m^2$, $240\ m^3$

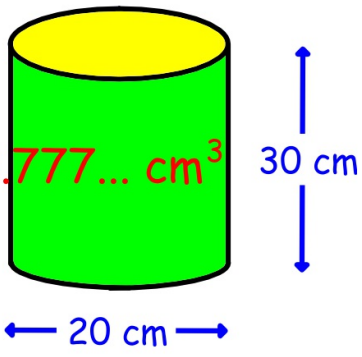


(b) $100\ m^2$, $700\ m^3$

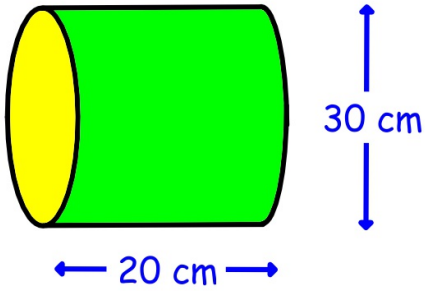


4. Calculate the volume using $V = \pi r^2 h$.

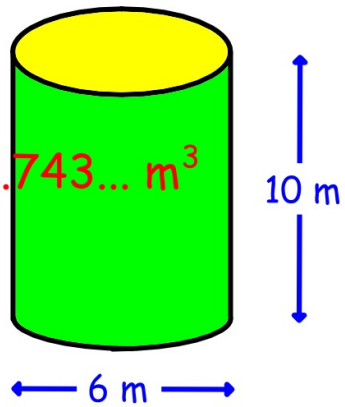
(a) $9424.777...\ cm^3$



(b) $14137.166...\ cm^3$



(c) $282.743...\ m^3$



(d) $471.238...\ m^3$