**Volume of Cones and Pyramids GREEN**

Calculate the volume of each cone/pyramid.

  

1)

3)

2)

Calculate the value of $m$ and $n$ in the shapes below.

 

n

m

5)

4)

**Volume of Cones and Pyramids AMBER**

Calculate the volume of each cone/pyramid.

  

1)

3)

2)

Volume of pyramid = $\frac{1}{3}$ x base area x vertical height

Calculate the value of $m$ and $n$ in the shapes below.

 

n

m

5)

4)

Substitute all the information you have into the formula above

**Volume of Cones and Pyramids RED**

Area of circle = πr²

Calculate the volume of each cone/pyramid.

  

1)

3)

2)

Volume of pyramid = $\frac{1}{3}$ x base area x vertical height

$\frac{1}{3}$ x (6 x 7) x 5 =

Calculate the value of $m$ and $n$ in the shapes below.

 

n

m

5)

4)

Substitute all the information you have into the formula above

$\frac{1}{3}×(3×4)×m=$ $\frac{1}{3}×(π×n²)×15=$