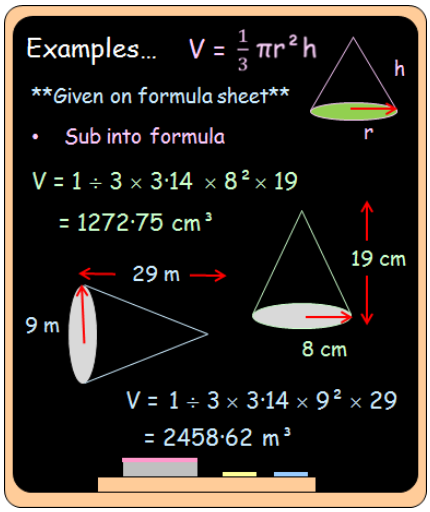
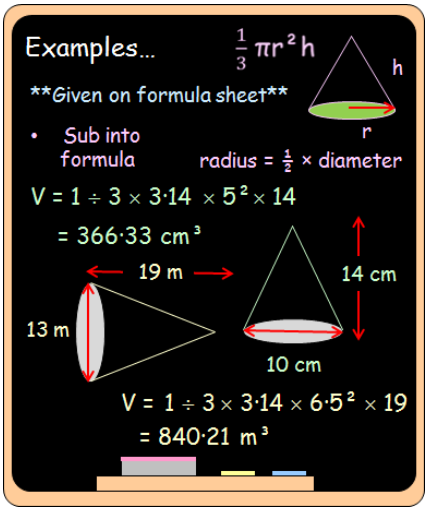
Outcome 2 – Calculating the volume of a cone

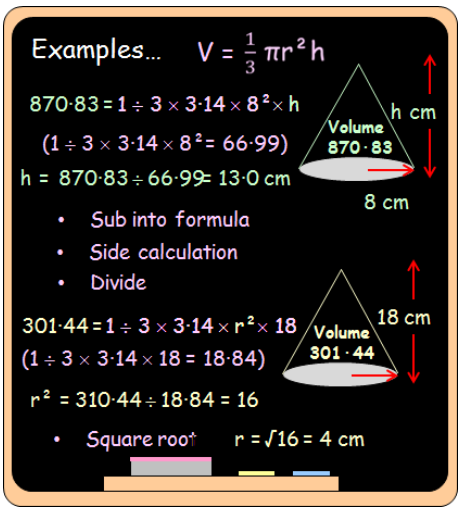
Bronze examples



Silver examples

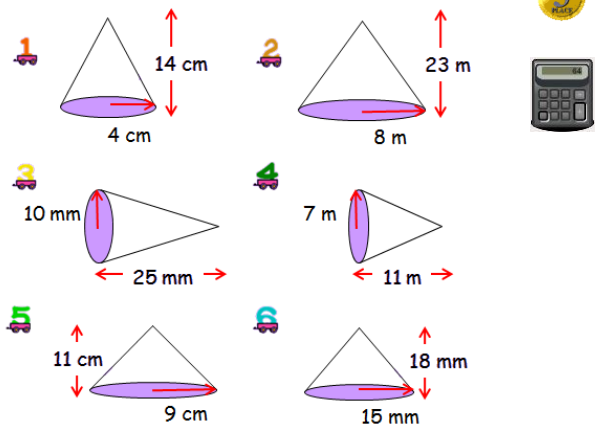


Gold examples



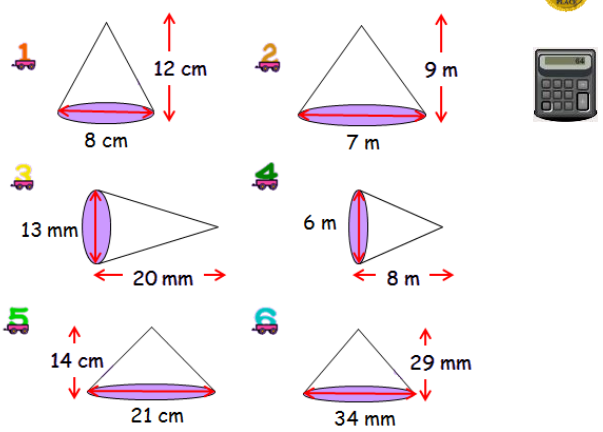
Bronze Questions

Find the volumes of the following cones...



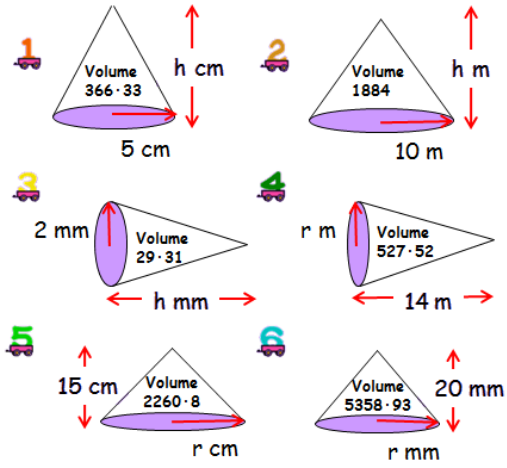
Silver Questions

Find the volumes of the following cones...



Gold Questions

Find the missing heights/radii of the following cones...



Bronze Answers

1. $234{\cdot}45\,cm^3$
2. $1540{\cdot}69\,m^3$
3. $2616{\cdot}67\,mm^3$
4. $564{\cdot}15\,m^3$
5. $932{\cdot}58\,cm^3$
6. $4239\,mm^3$

Silver Answers

1. $200{\cdot}96\,cm^3$
2. $115{\cdot}40\,m^3$
3. $884{\cdot}43\,mm^3$
4. $75{\cdot}36\,m^3$
5. $1615{\cdot}53\,cm^3$
6. $8772{\cdot}11\,mm^3$

Gold Answers

1. 14 cm
2. 18 m
3. 7 mm
4. 6 m
5. 12 cm
6. 16 mm