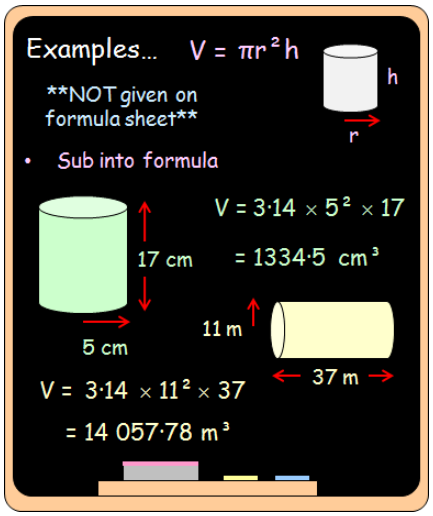
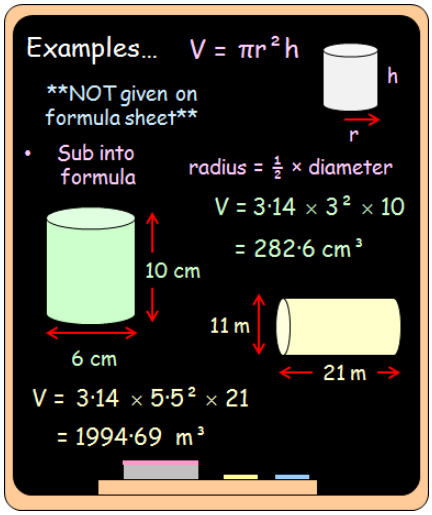
Outcome 1 – Calculating the volume of a cylinder

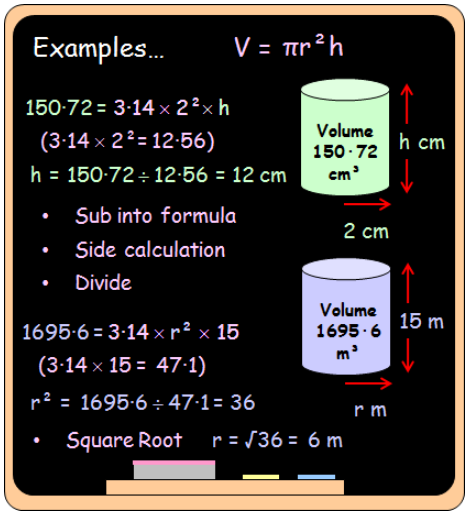
Bronze examples



Silver examples

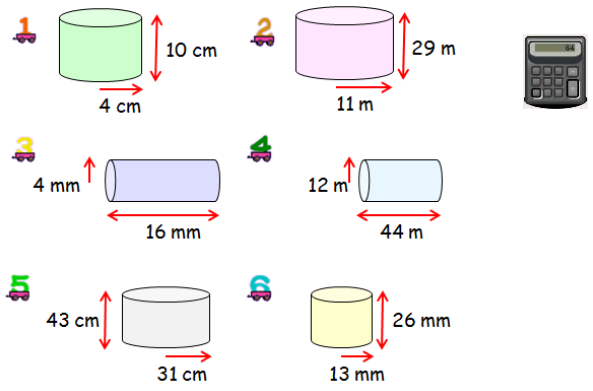


Gold examples



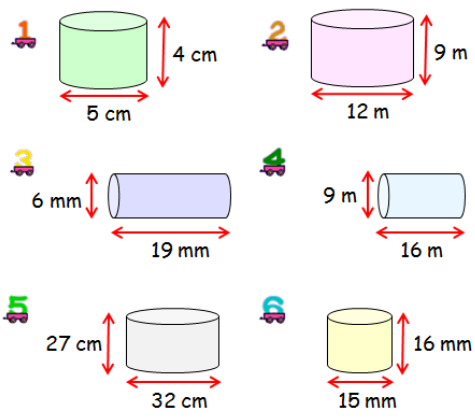
Bronze Questions

Find the volumes of the following cylinders...



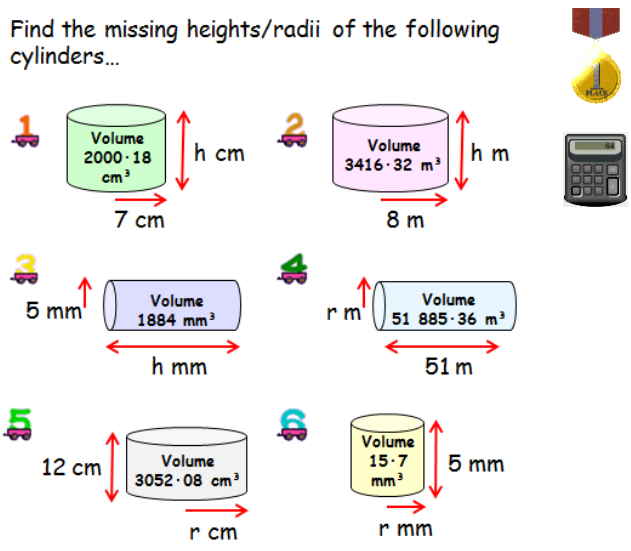
Silver Questions

Find the volumes of the following cylinders...



Gold Questions

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



Bronze Answers

1. $502{\cdot}4\ cm^3$
2. $11\,018{\cdot}26\ m^3$
3. $803{\cdot}84\ mm^3$
4. $19\,895{\cdot}04\ m^3$
5. $129\,754{\cdot}22\ cm^3$
6. $13\,797{\cdot}16\ mm^3$

Silver Answers

1. $78{\cdot}5\ cm^3$
2. $1017{\cdot}36\ m^3$
3. $536{\cdot}94\ mm^3$
4. $1017{\cdot}36\ m^3$
5. $21\,703{\cdot}68\ cm^3$
6. $2826\ mm^3$

Gold Answers

1. 13 cm
2. 17 m
3. 24 mm
4. 18 m
5. 9 cm
6. 1 mm