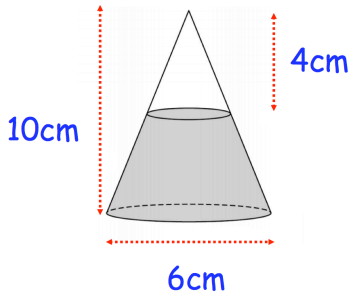Corbettmaths

Express in the form $a\sqrt{7} + b$

$$\frac{\sqrt{7} + 1}{\sqrt{7} - 3}$$

4cm

10cm

6cm

Find the volume of liquid in the container

Make w the subject of

$$\frac{2}{wy} = c - \frac{1}{w}$$

Prove $n^3 - n$ is always divisible by 6.

n is an integer greater than 1.

---

f(x) = x + 90
g(x) = cos x

Draw y = gf(x)