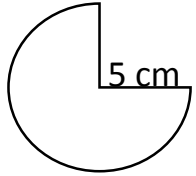


## Quick Wits – Higher 12

1) What is the area of the following shape?



2) Solve  $x^2 + 11x + 31 = 13$

3) How many times do you go to the gym?

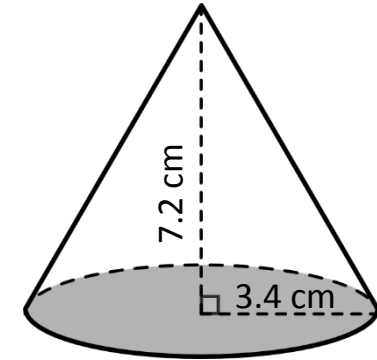
1-2  2-5  5-7

a) Identify two issues with the question.

a) Rewrite the question, correcting the errors made?

4) Simplify  $\sqrt{6} \times \sqrt{2}$ .

5) What is the Volume of the following shape?



6) What is the length of the missing side  $x$ ?

