

Name: _____

Exam Style Questions

Converting Units for Area
Converting Units for Volume



Corbettmaths

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

Guidance

1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

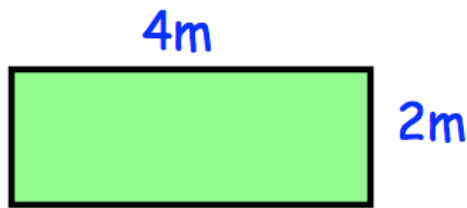
www.corbettmaths.com/contents

Video 350

Video 351



1. Shown below is a rectangle.



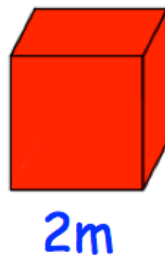
(a) Find the area of the rectangle in m^2

..... m^2
(1)

(b) Find the area of the rectangle in cm^2

..... cm^2
(1)

2. Shown below is a cube.



(a) Find the volume of the cube in m^3

..... m^3
(1)

(b) Find the volume of the volume in cm^3

..... cm^3
(1)

3. Convert 3 m² into cm²

..... cm²
(1)

4. Convert 72.5 m² into cm²

..... cm²
(1)

5. Convert 20000 cm² into m²

..... m²
(1)

6. Convert 23000000 cm² into m²

..... m²
(1)

7. Convert 0.2 m² into cm²

..... cm²
(1)

8. Convert 552 cm² into m²

..... m²
(1)

9. Convert 8 m³ into cm³

..... cm³
(1)

10. Convert 0.7 m³ into cm³

..... cm³
(1)

11. Convert 4000000 cm³ into m³

..... m³
(1)

12. Convert 300000 cm³ into m³

..... m³
(1)

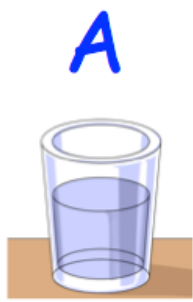
13. Convert 10.2 m³ into cm³

..... cm³
(1)

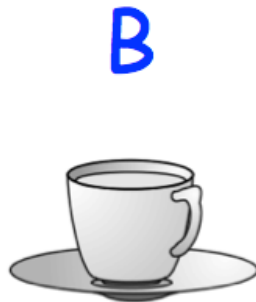
14. Convert 9950000000 cm³ into m³

..... m³
(1)

15. Shown below are three containers of water.
The amounts of water in each is shown.



350cm³



400 ml



0.08 Litres

List the containers in order, from least water to greatest water.

.....
(2)

16. Convert 3 litres to cm³

..... cm³
(1)

17. Convert 1.4 litres to cm³

..... cm³
(1)

18. Convert 0.4 litres to cm^3

..... cm^3
(1)

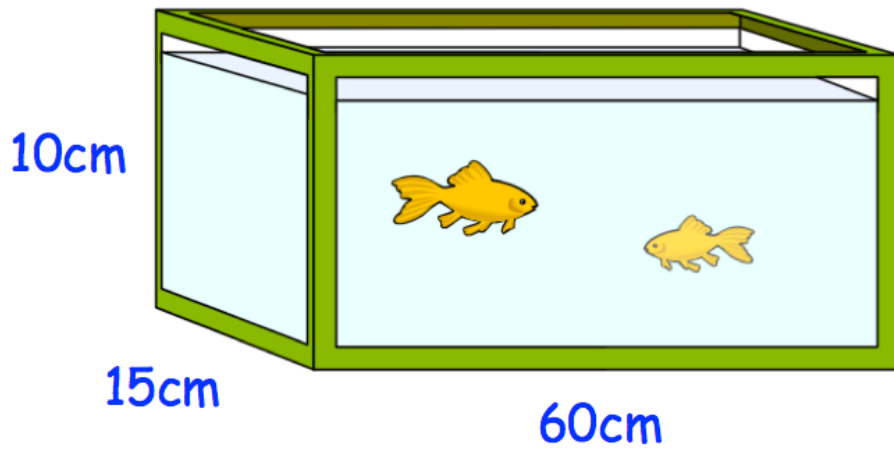
19. Convert 7200 millilitres to cm^3

..... cm^3
(1)

20. Convert 4500 cm^3 to litres

..... litres
(1)

21. Shown below is a fish tank.



Calculate how many litres of water are needed to fill an empty fish tank.

..... litres
(3)

22. Mrs Jones is tiling her kitchen floor.
Each kitchen tile measures 20cm by 20cm.
The floor measures 3m wide and 5m long.

The tiles are sold in boxes of 10.
Each box costs £6

Work out the total cost of the tiles needed for the kitchen floor.

£.....
(5)