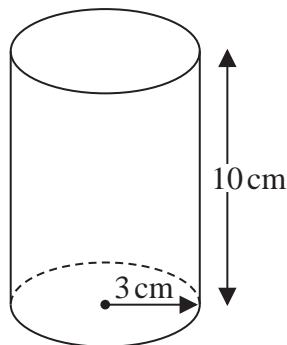


**28** The diagram shows a solid cylinder with base radius 3 cm and height 10 cm.



The cylinder is made from steel.

It has a mass of 2250 g.

Work out the density of the steel.

Give your answer correct to 3 significant figures.

..... g/cm<sup>3</sup>

**(Total for Question 28 is 3 marks)**