

Physics

Advanced Subsidiary

Paper 2: Core Physics II

Friday 15 May 2020 – Morning

Time: 1 hour 30 minutes plus your additional time allowance

DIAGRAM BOOKLET

<p>DO NOT RETURN THE DIAGRAM BOOKLET WITH THE QUESTION PAPER</p>

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Question 2

A

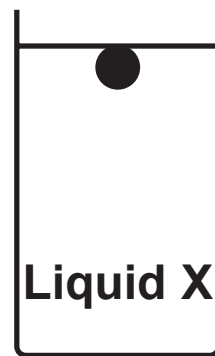
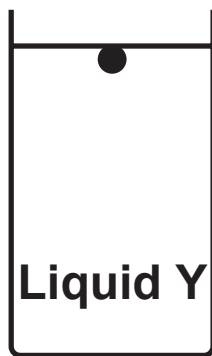
B

C

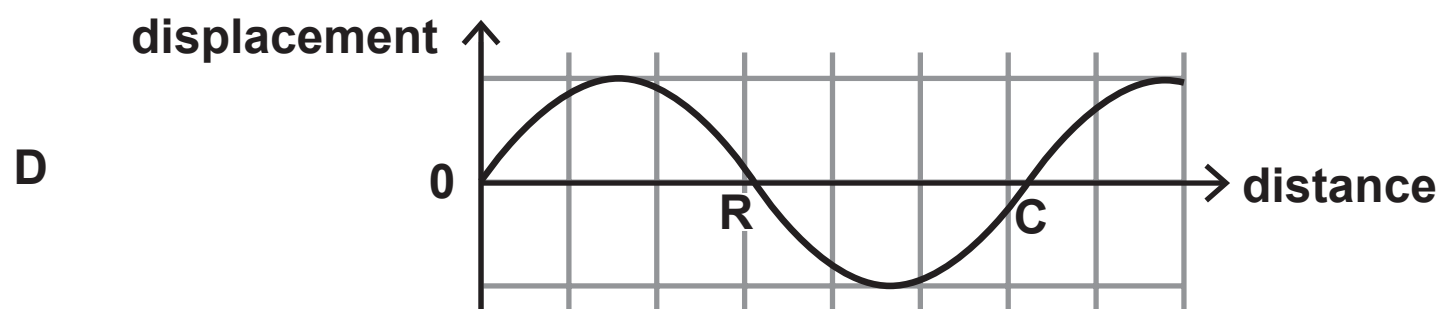
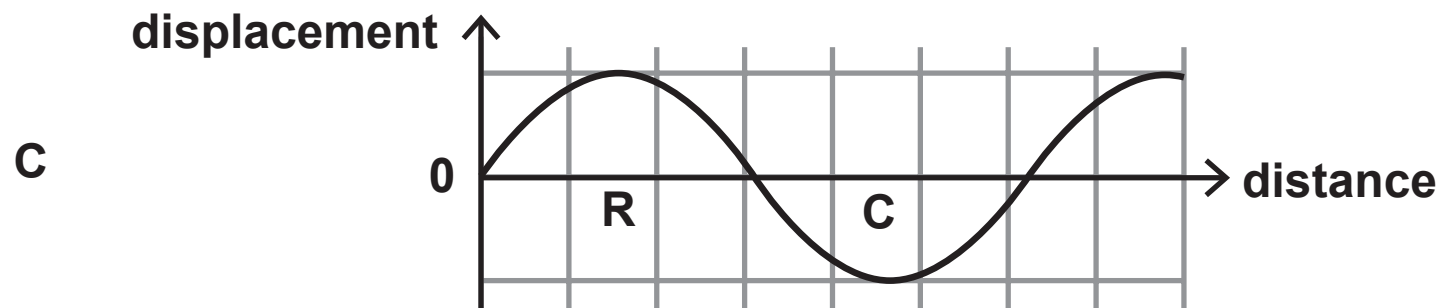
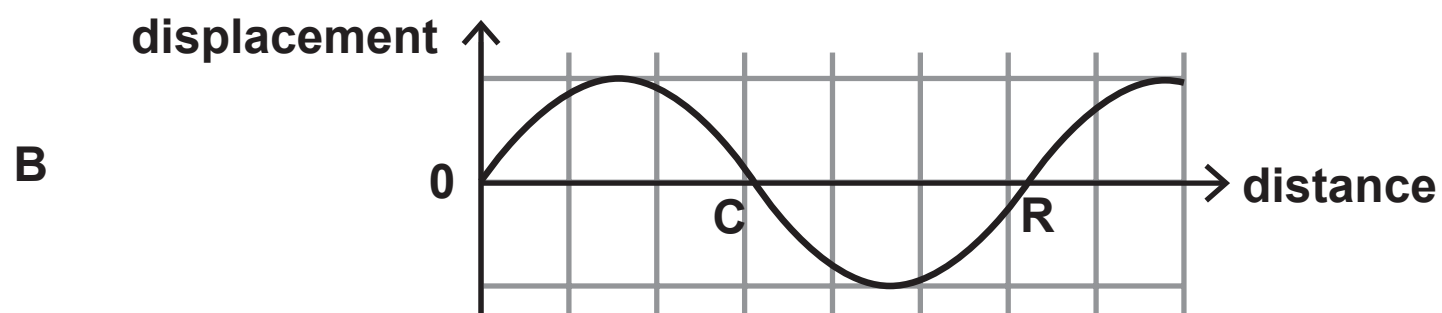
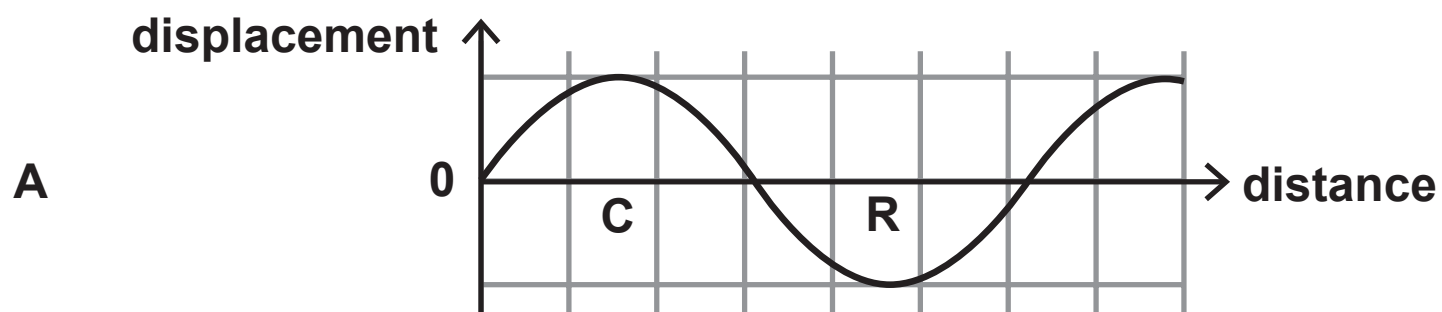
D

ball bearing with
small diameter

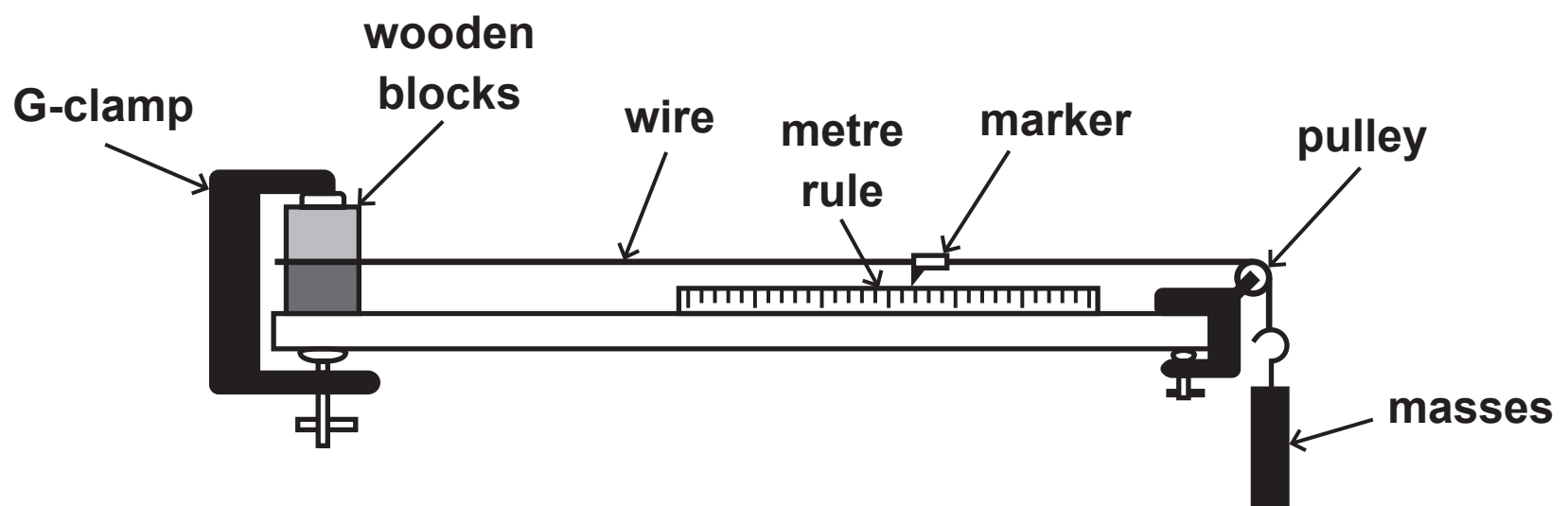
ball bearing with
large diameter



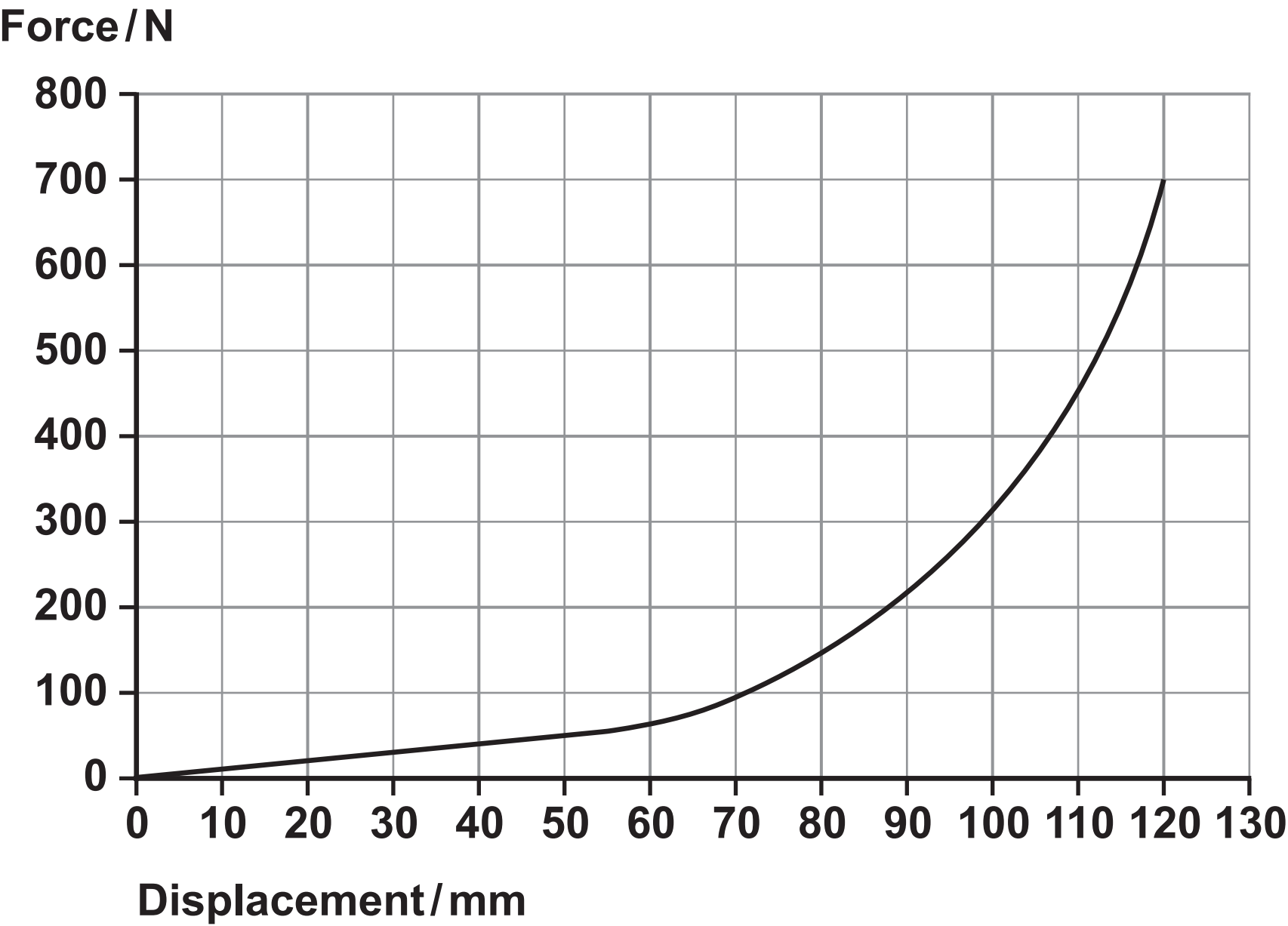
Question 6



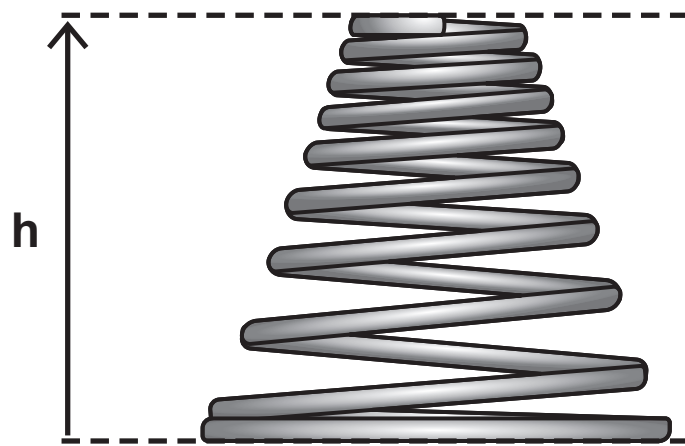
Question 10



Question 12



Question 12(c)



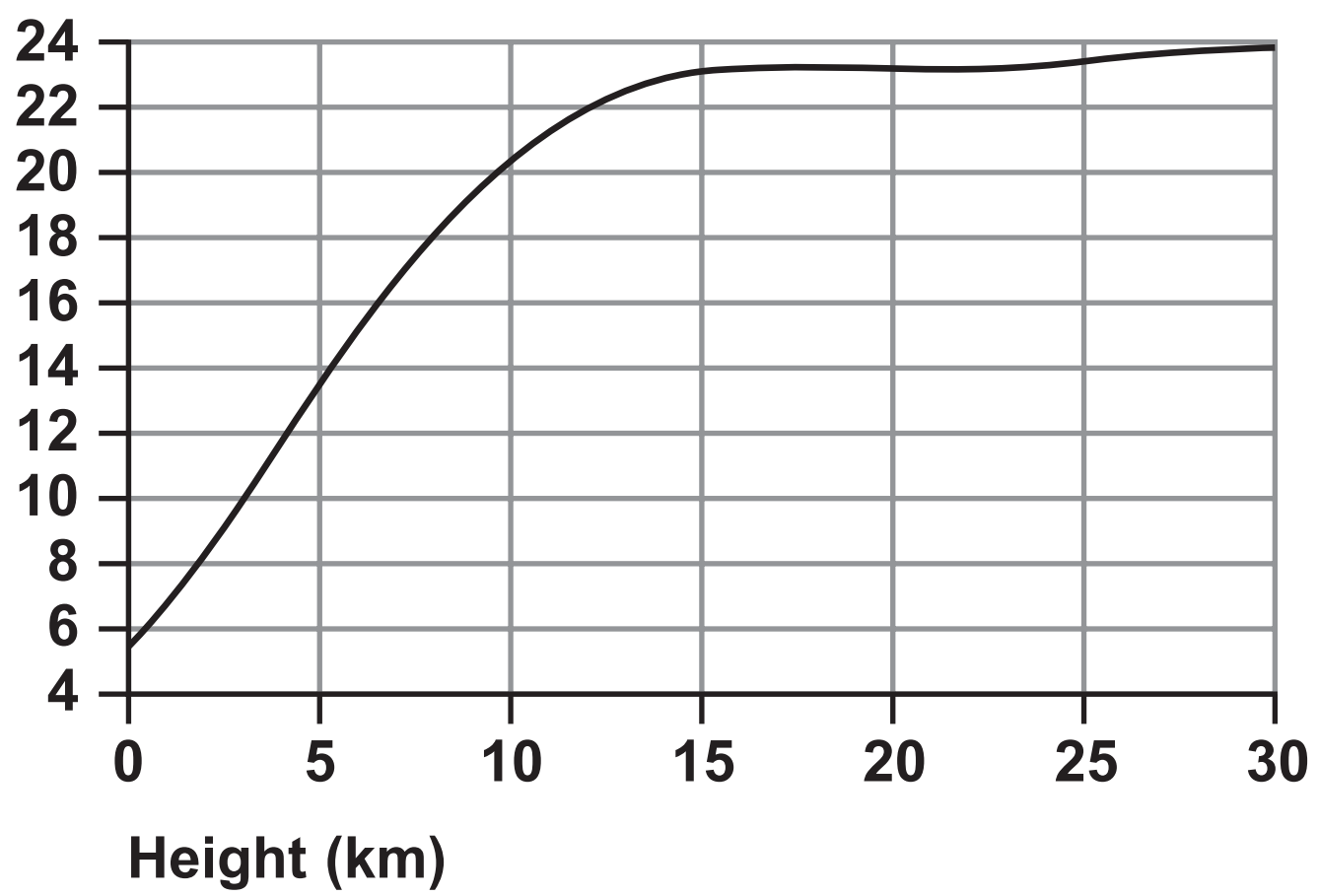
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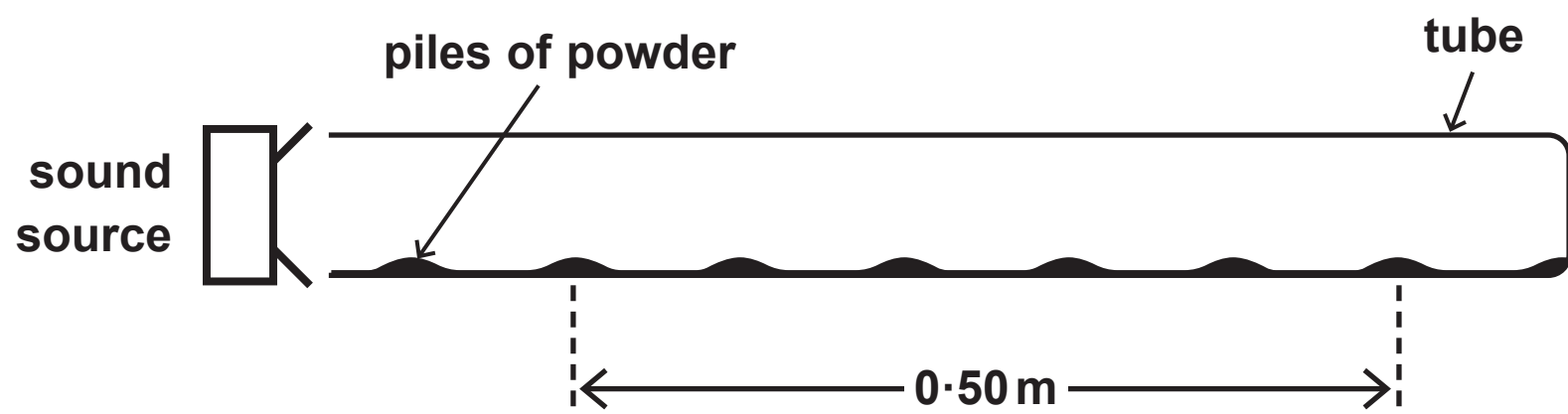
fully compressed

Question 13(b)

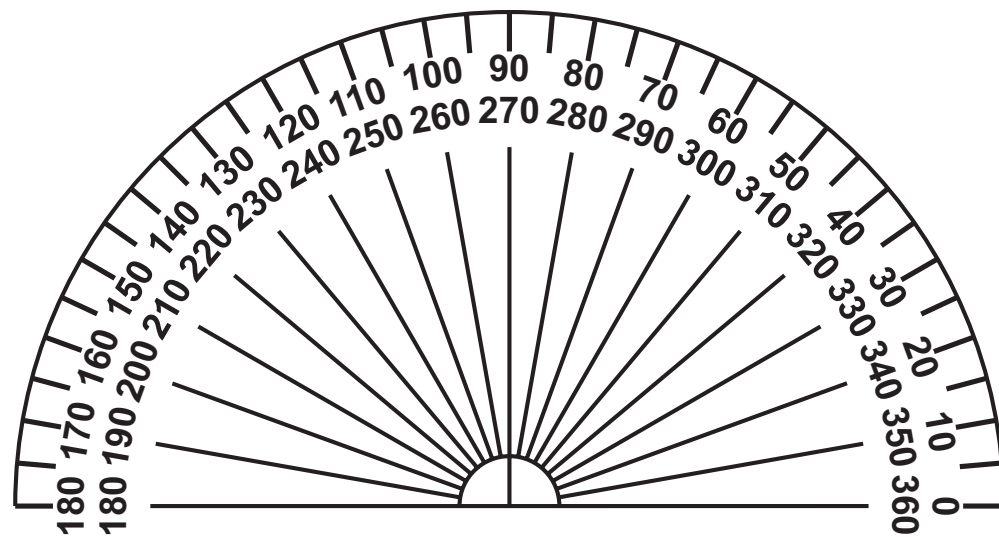
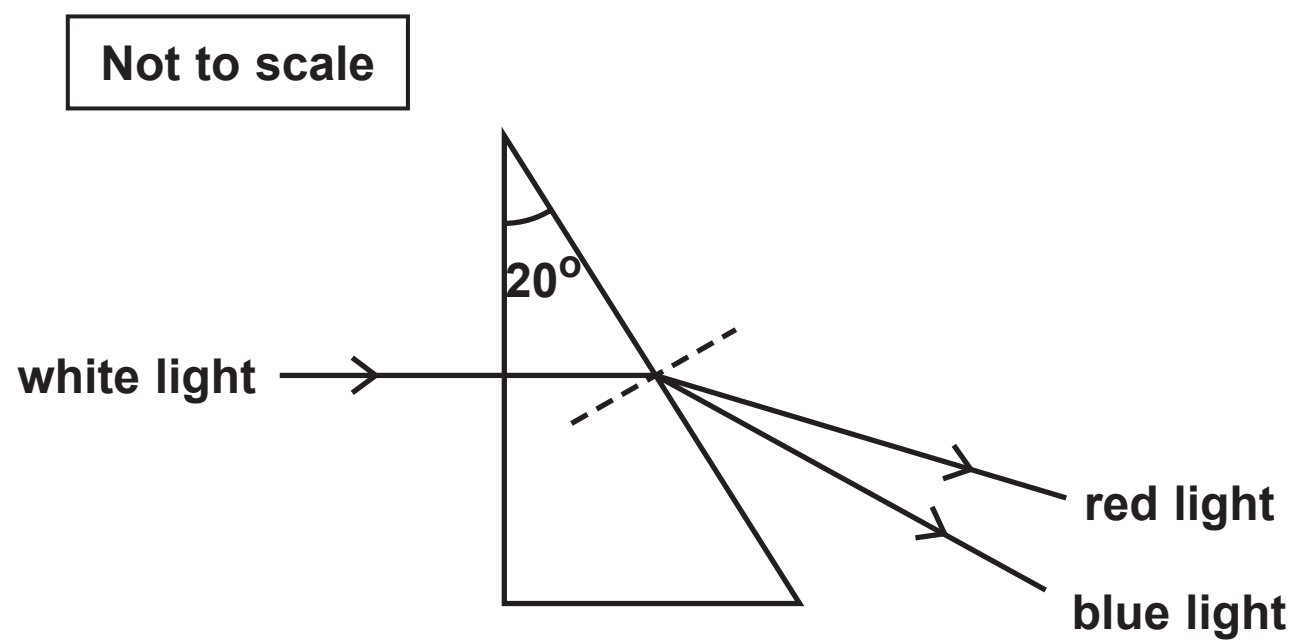
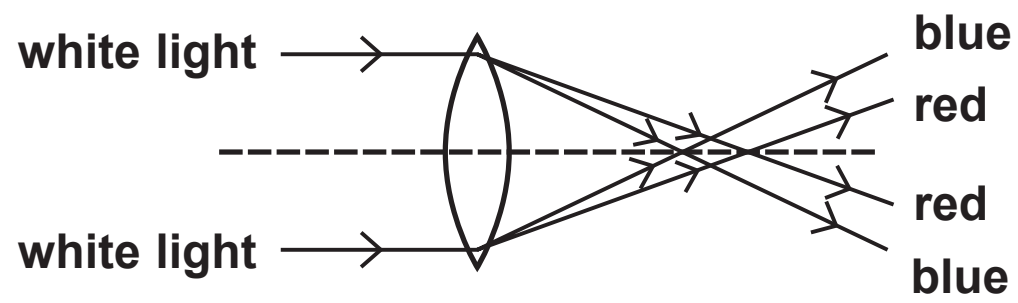
Intensity of
ultraviolet
radiation / W m^{-2}



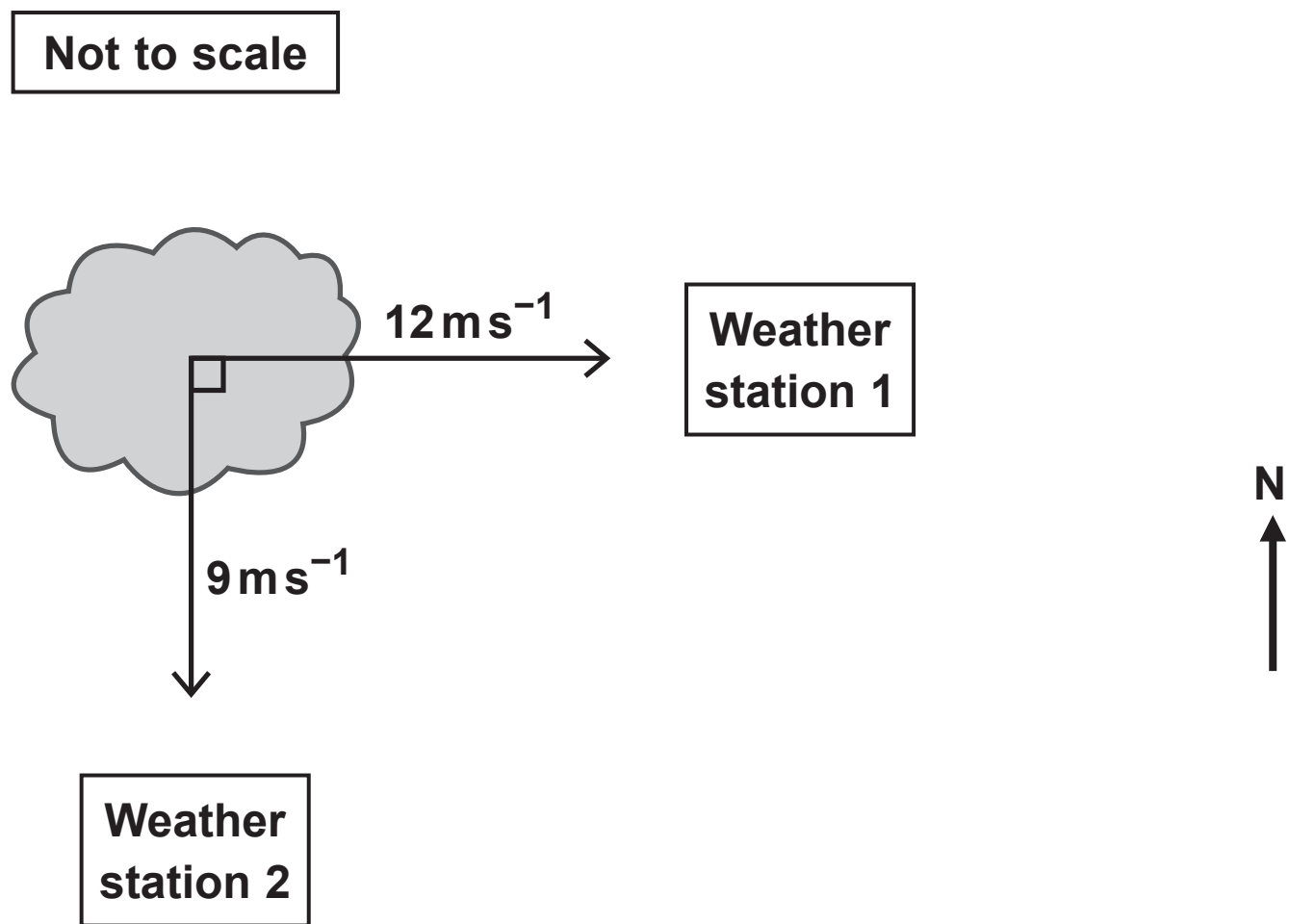
Question 14



Question 15



Question 17



Question 17

Diagram NOT
drawn to scale

