

Paper Reference(s) 9PH0/02

Pearson Edexcel Level 3 GCE

Physics

Advanced

PAPER 2: Advanced Physics II

Monday 9 June 2025 – Morning

Time: 1 hour 45 minutes

Diagram Booklet

THIS DOCUMENT MUST BE RETURNED TO
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Other names					
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Candidate Number					

INSTRUCTIONS

There may be spare copies of some diagrams.

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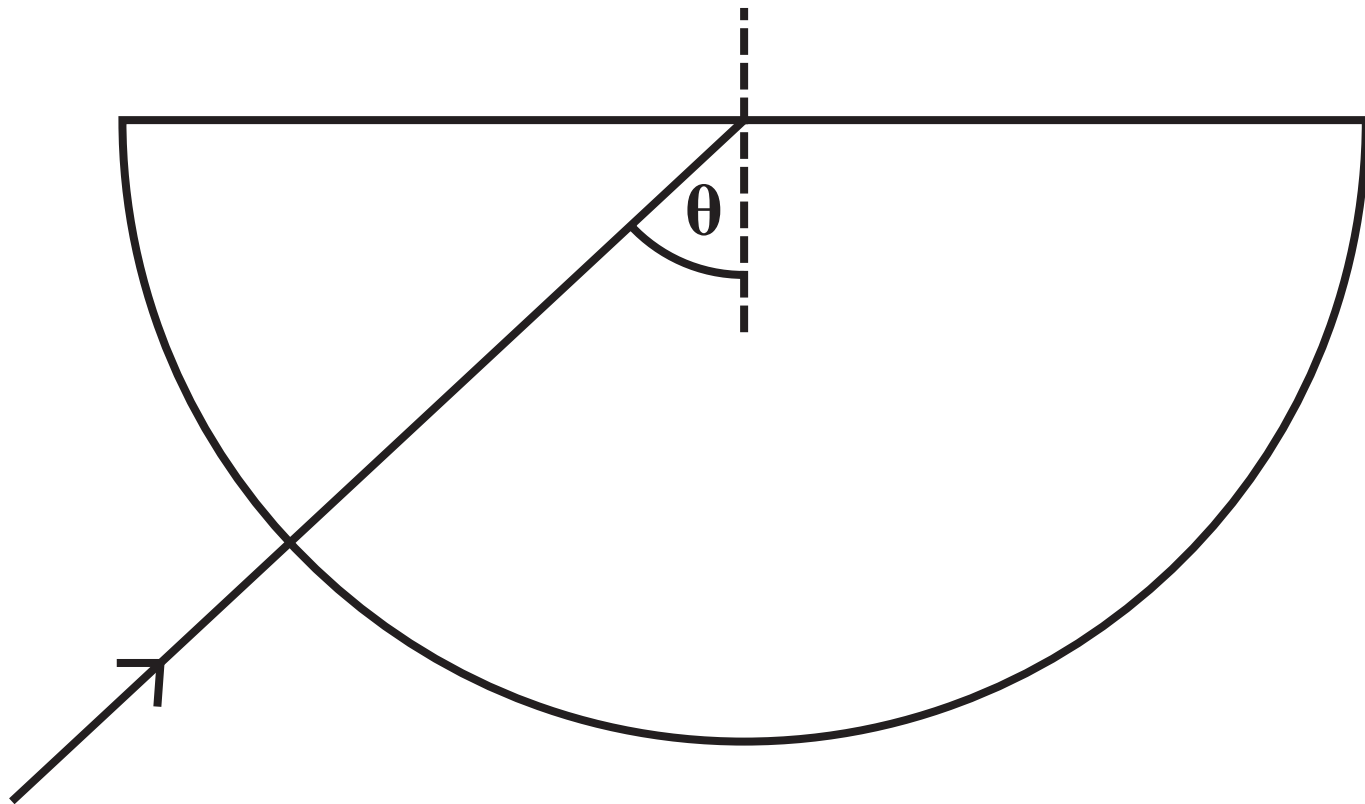
17 Question 21(b)

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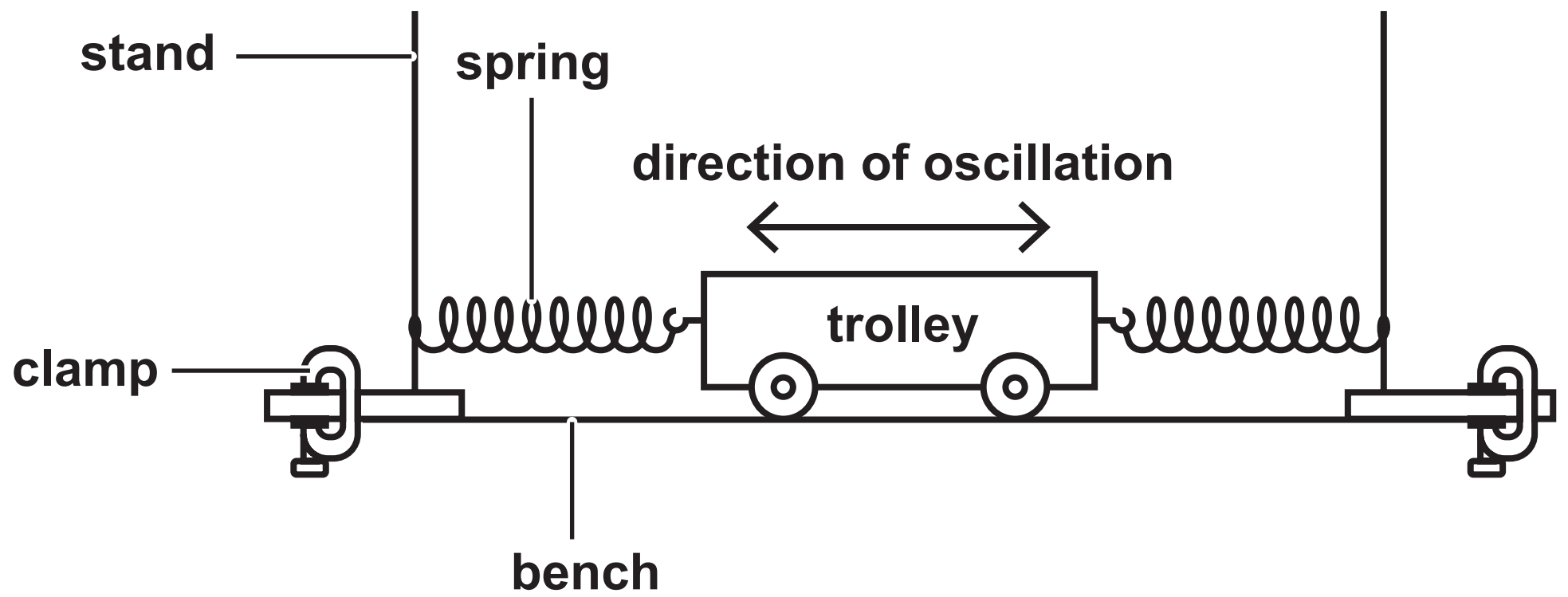
Spare Copies

19 Question 16(c) – spare copy

Question 3

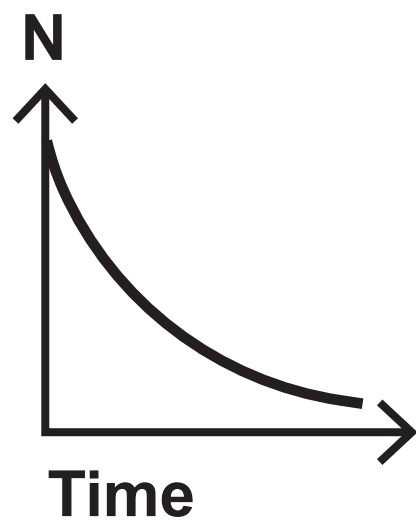


Question 6

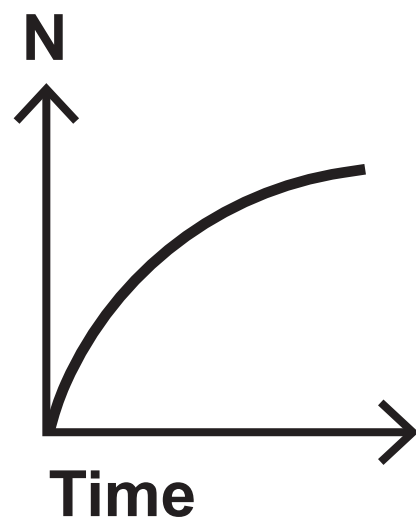


Question 8

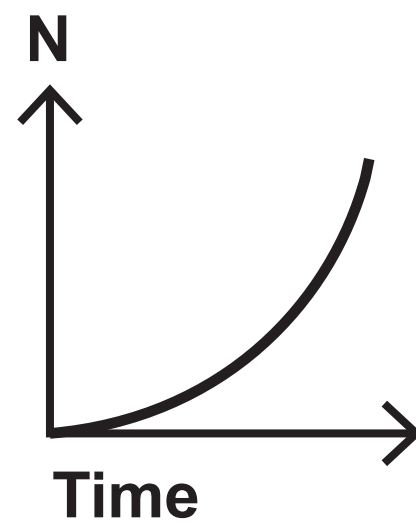
graph A



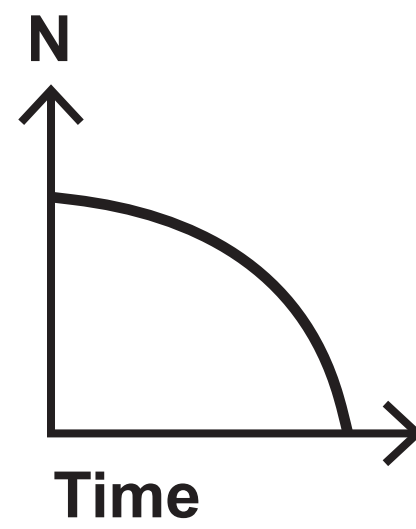
graph B



graph C



graph D

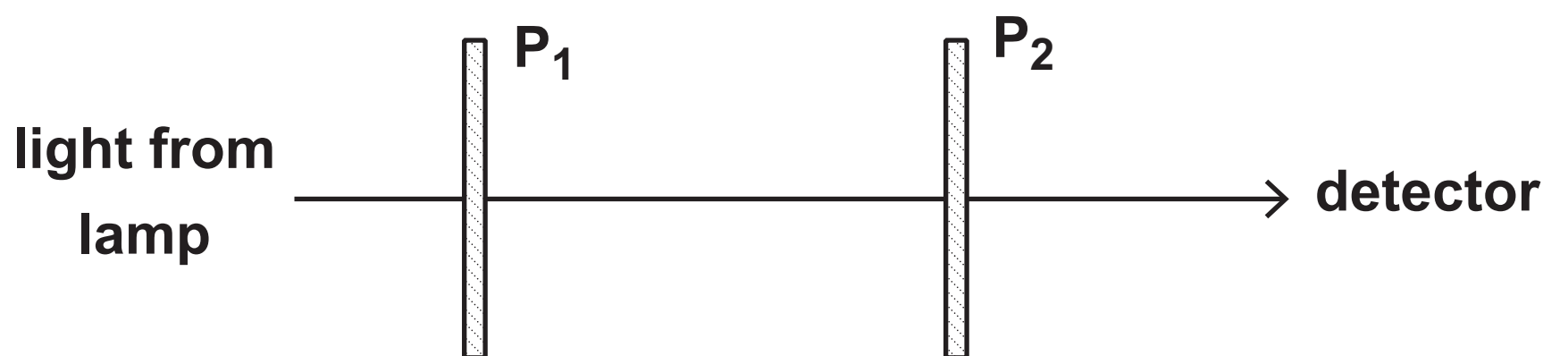


Question 9

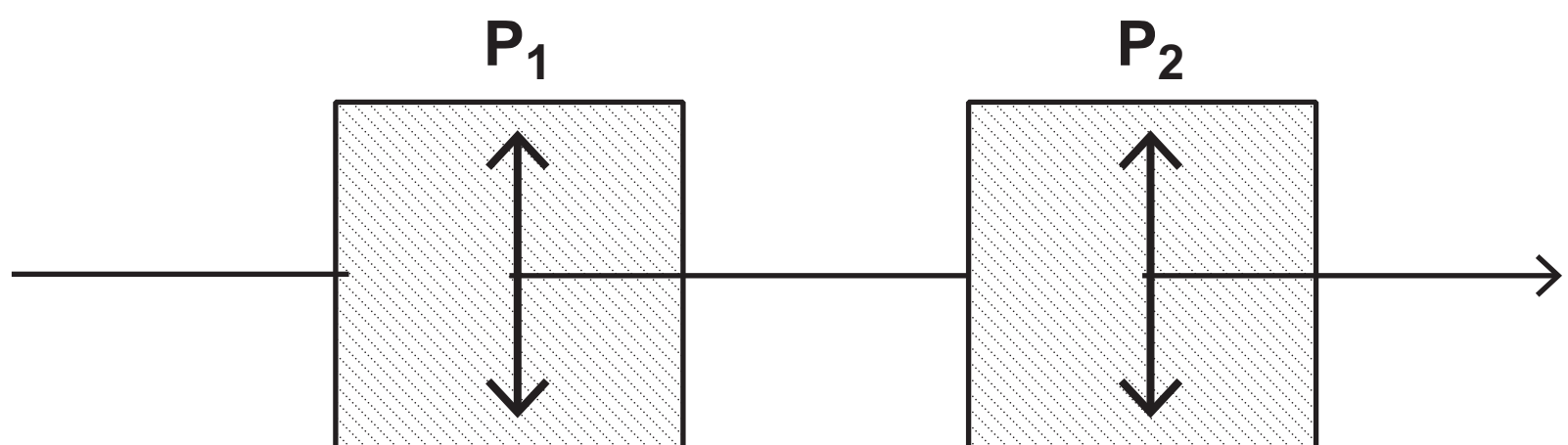
plane of polarisation



side view



front view of the filters



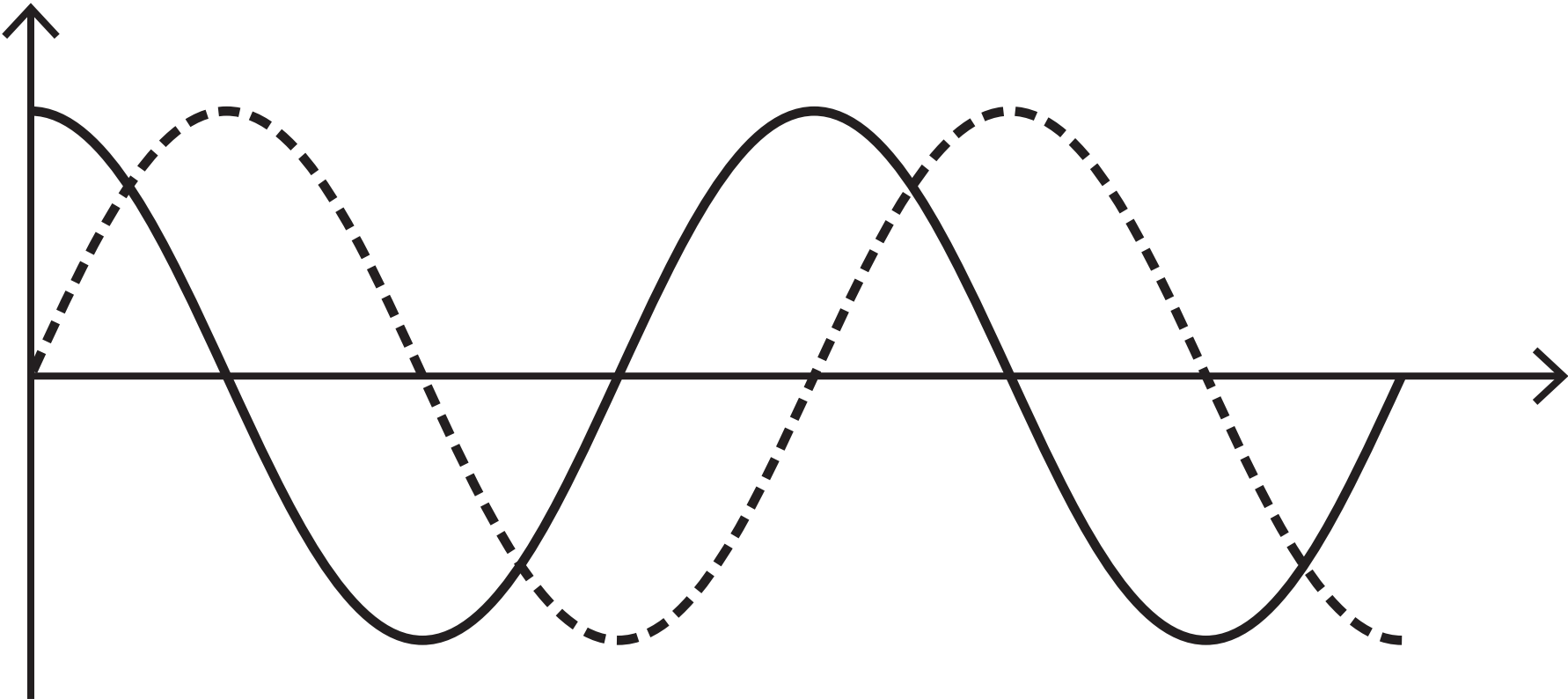
Question 10

KEY

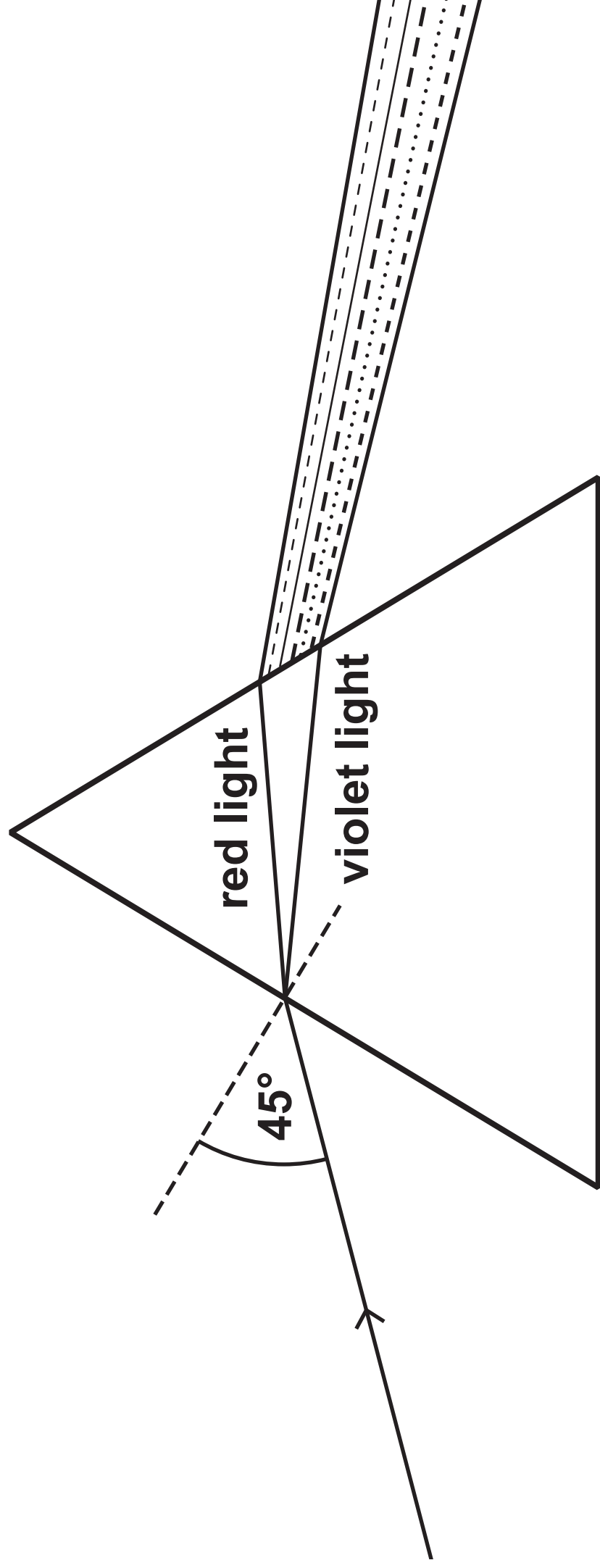
X ———

Y - - - -

Displacement



Distance



Question 14

DIAGRAM 1

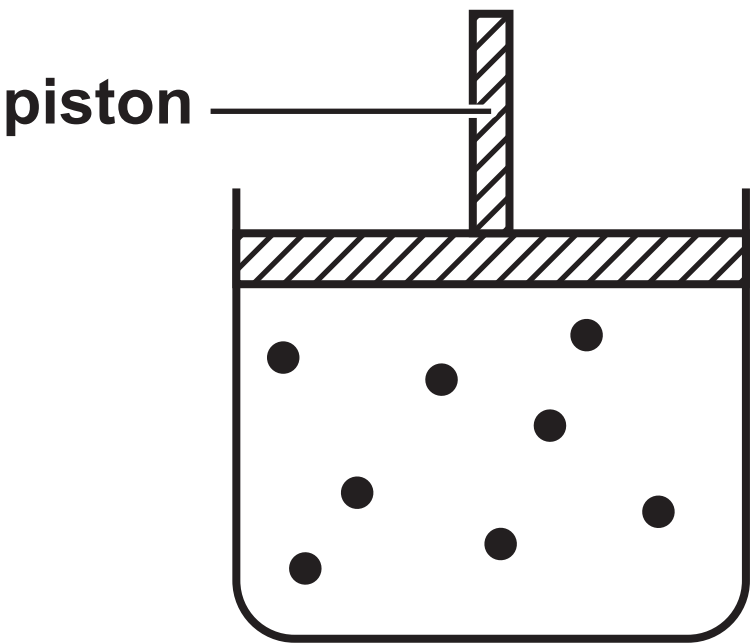
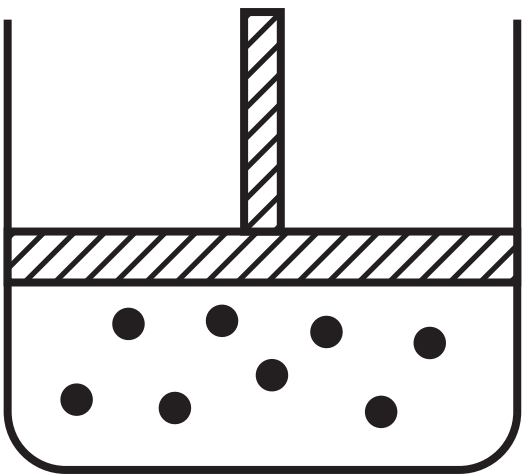
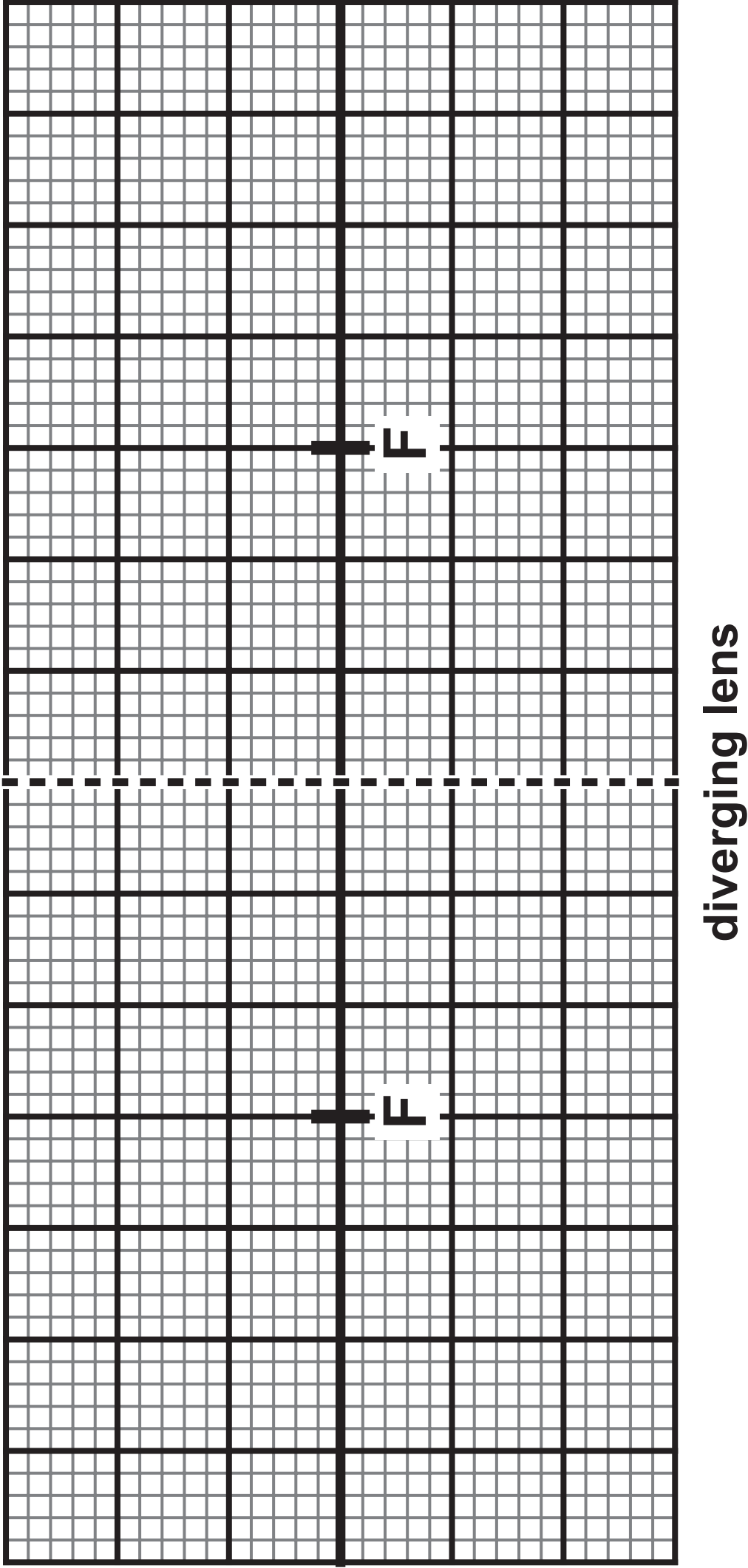


DIAGRAM 2

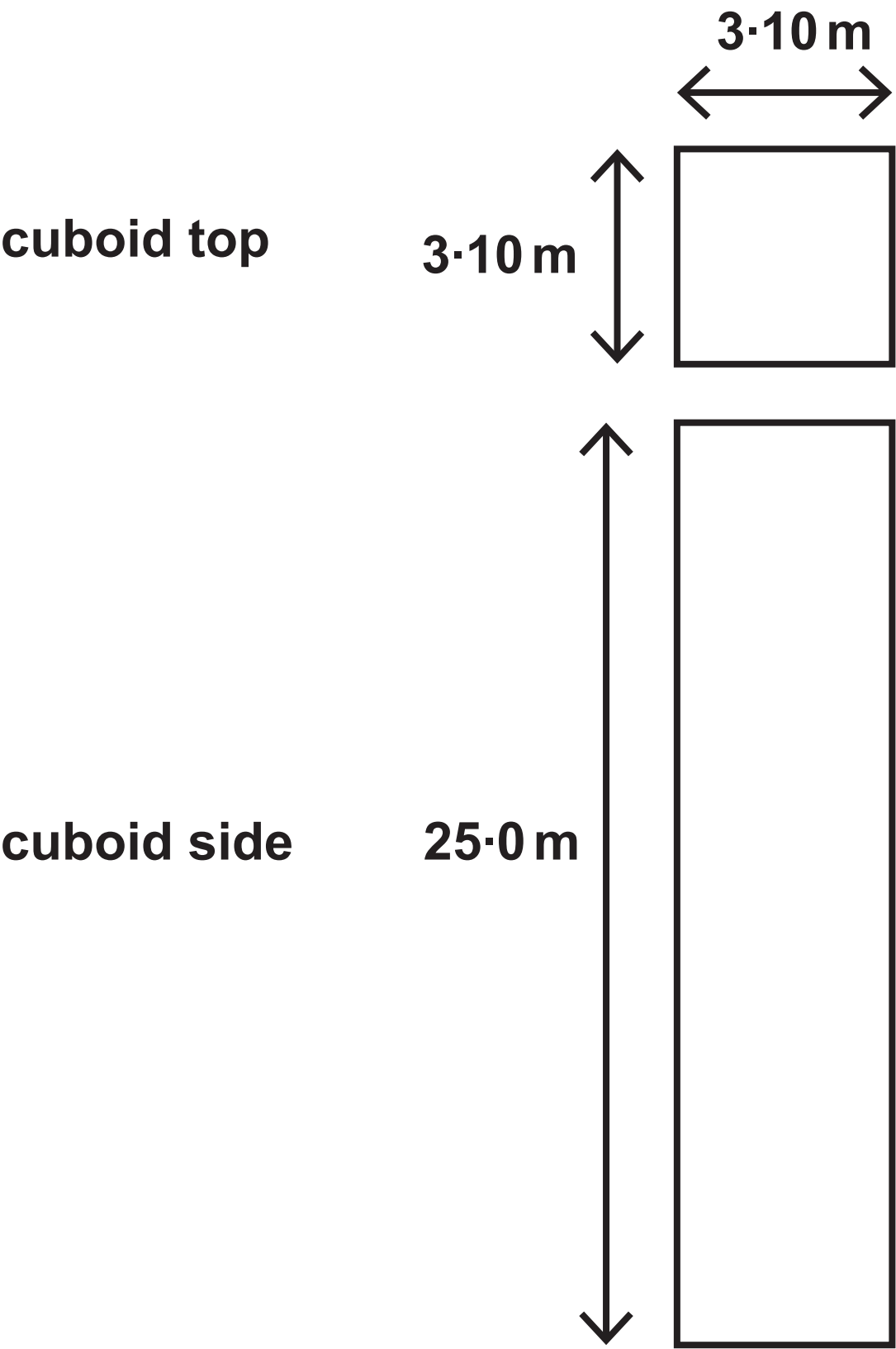




Question 19 – photograph



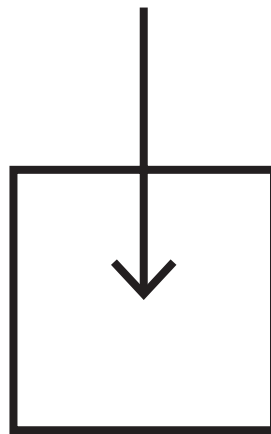
Question 19 – diagram



Question 19(b)(i)

$$I = 1350 \text{ W m}^{-2}$$

top of the sculpture

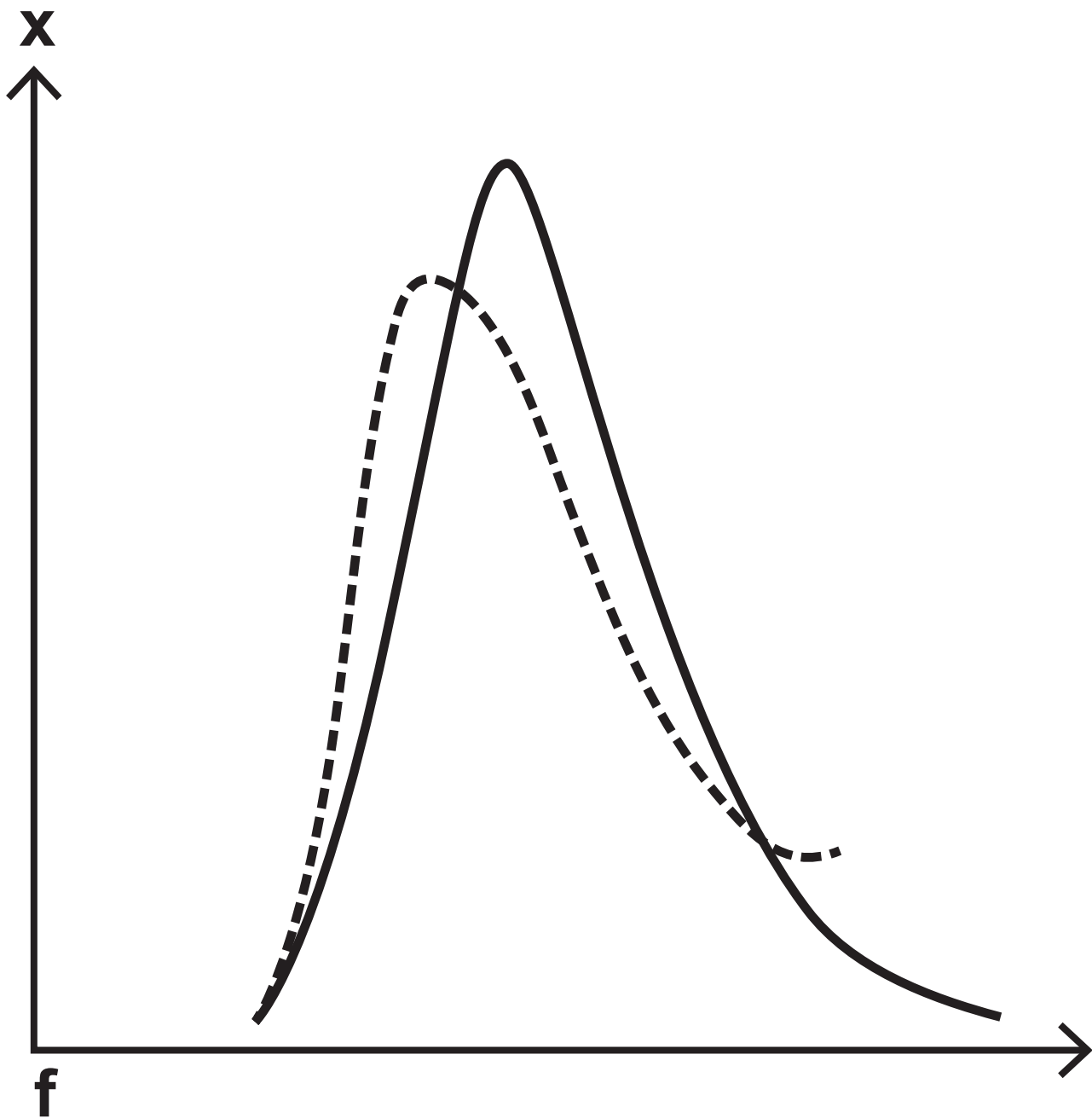


Question 20



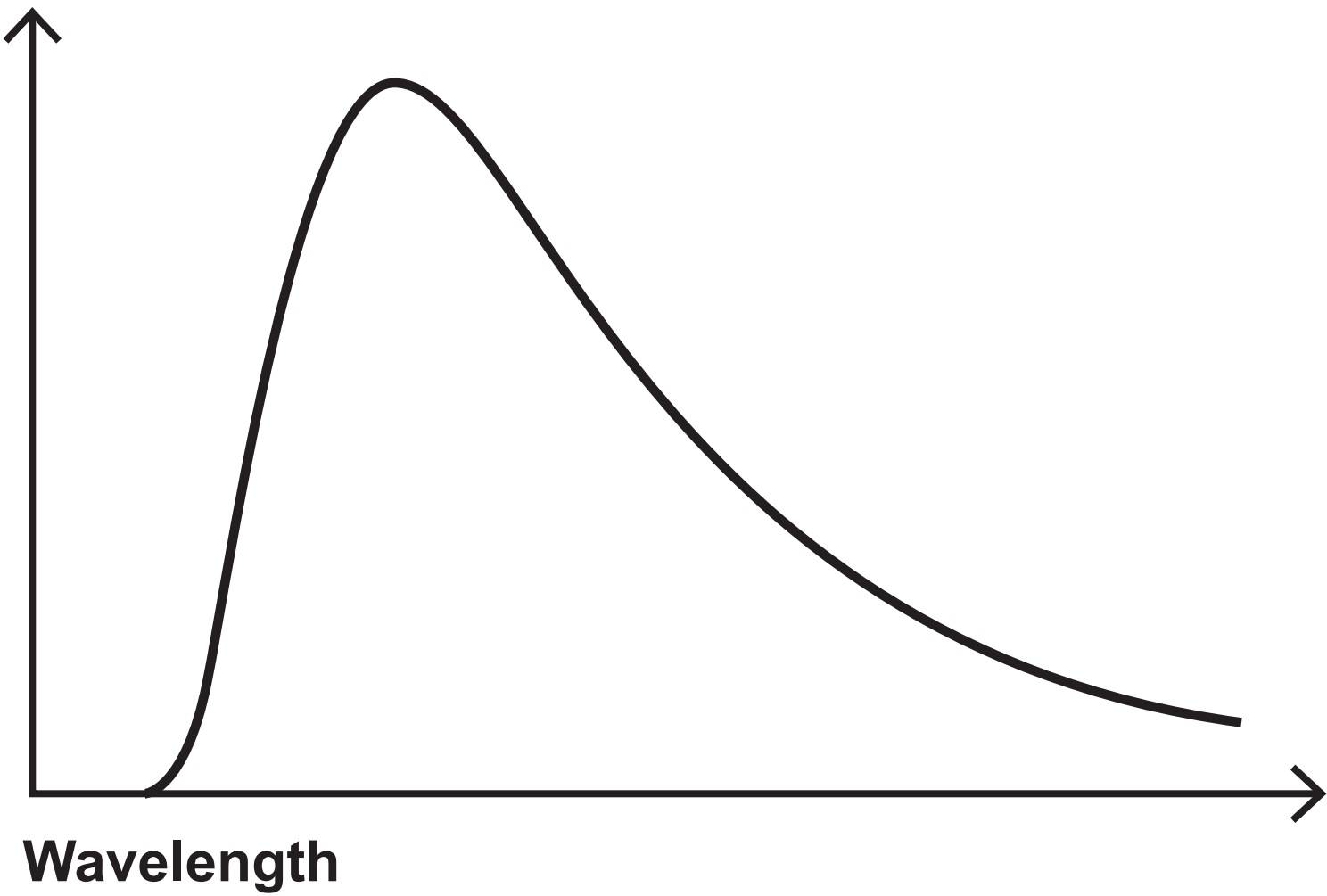
Question 20(b)(ii)

KEY
—— single tower
----- linked towers

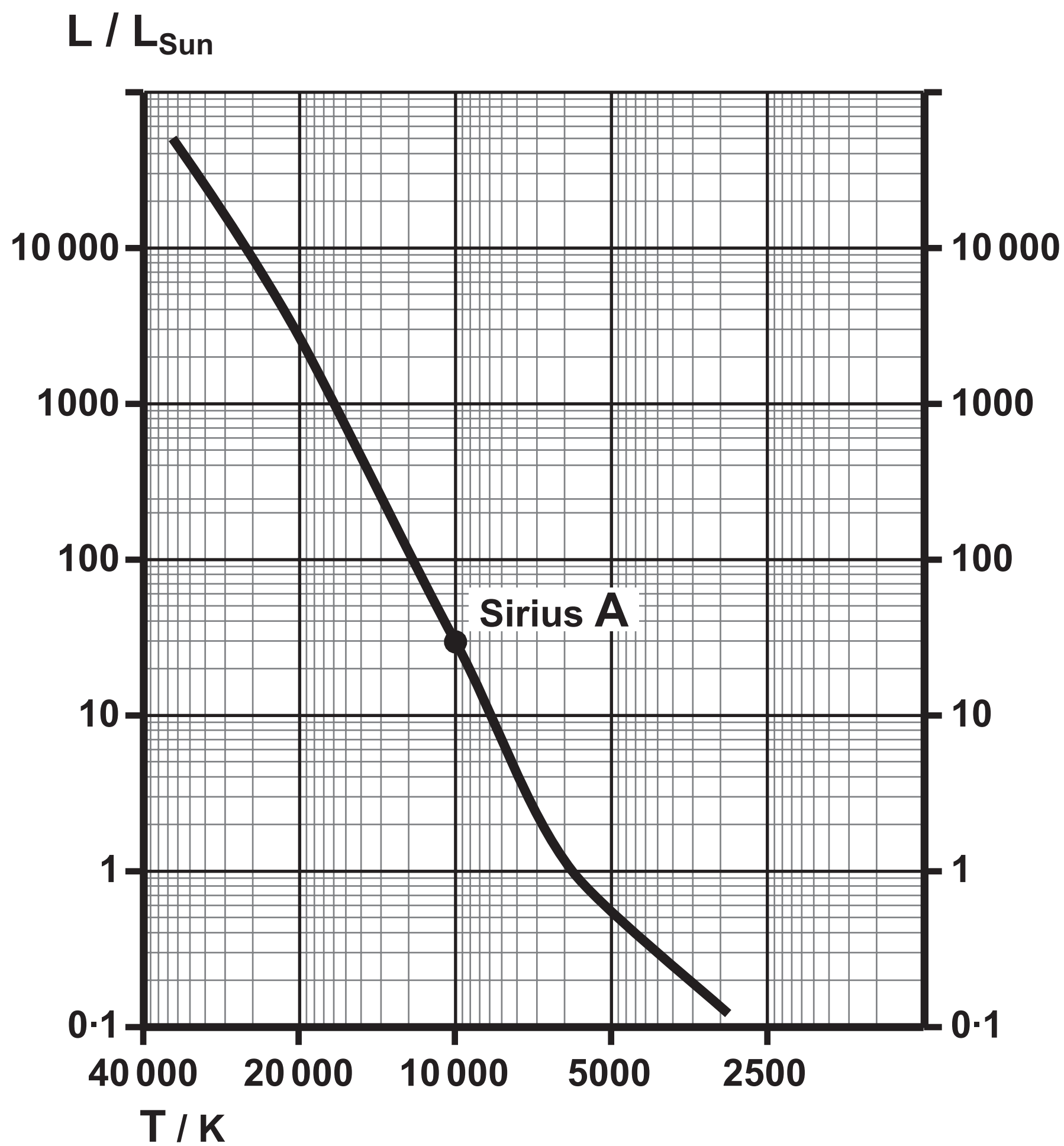


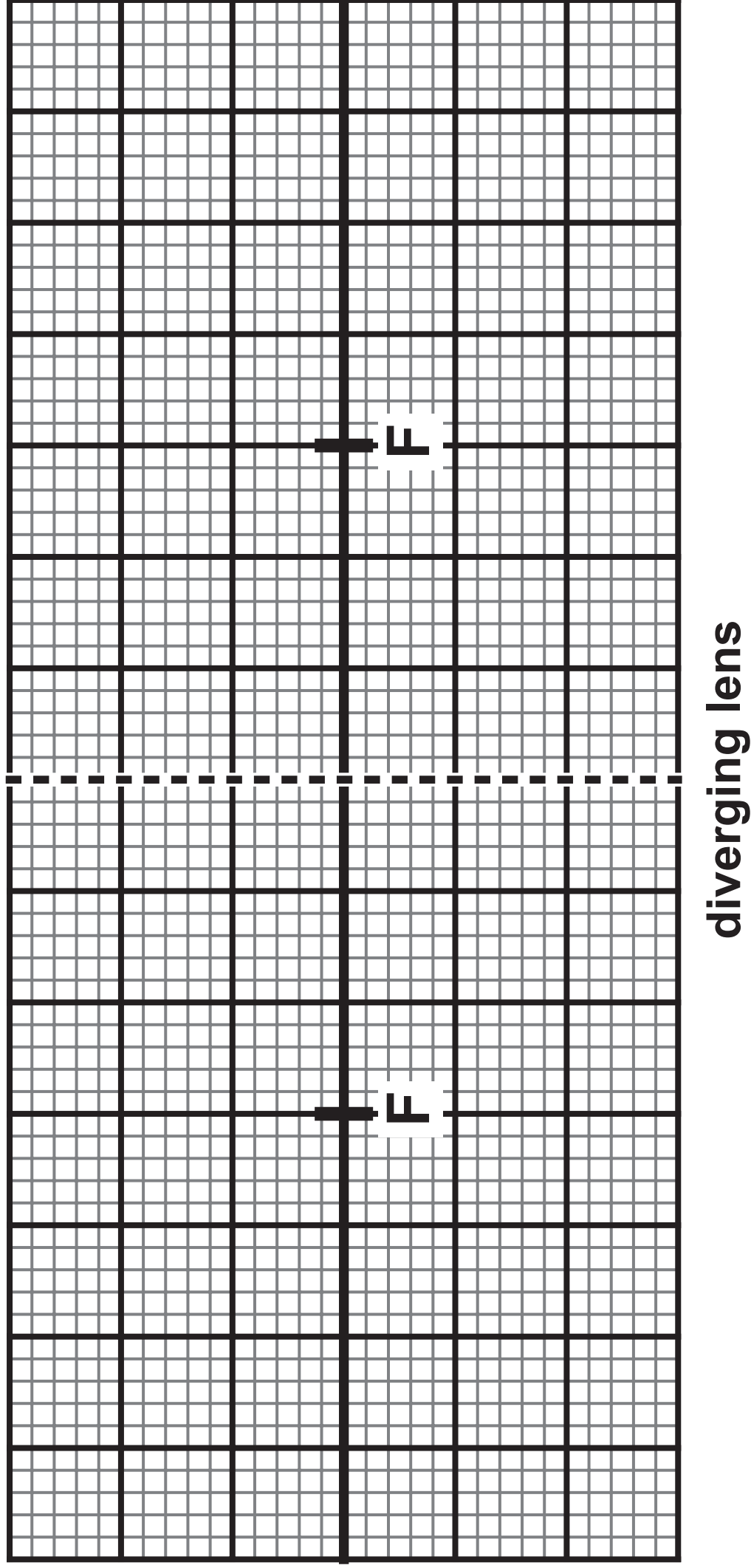
Question 21(b)

Rate at which energy
is radiated from Earth



Question 21(d)





Source information

Question 19

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Question 20

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