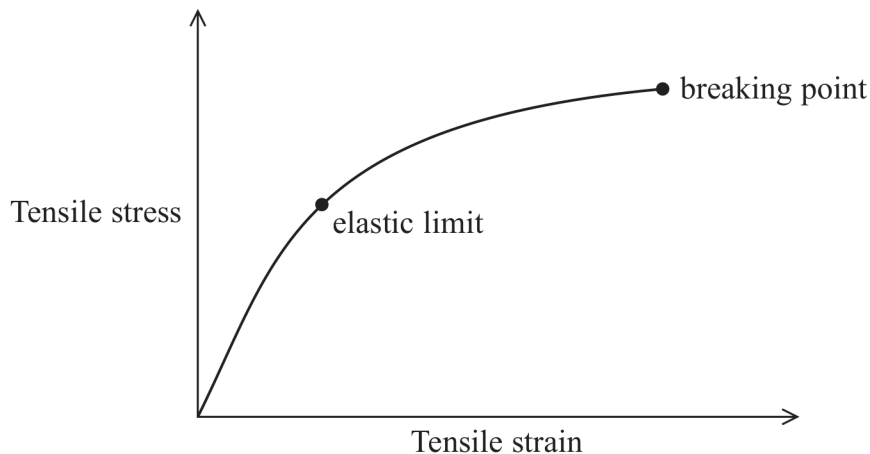


- 4 The graph shows the relationship between tensile stress and tensile strain for a material.



Which of the following gives the Young modulus of the material?

- ☐ A the area under the line up to the breaking point
- ☐ B the area under the line up to the elastic limit
- ☐ C the gradient of the tangent to the line at the origin
- ☐ D the stress divided by the strain at the breaking point

(Total for Question 4 = 1 mark)