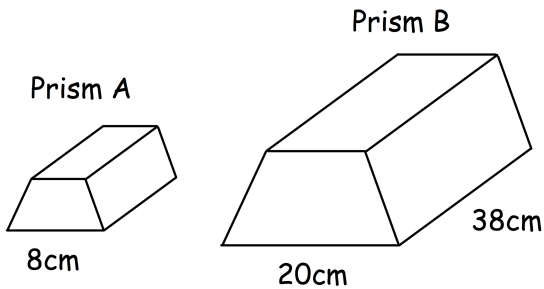


A rectangle has a length of 14cm and width of 5cm, both to nearest centimetre.

Find the upper bound for the perimeter of the rectangle.



Prism A and Prism B are similar. Prism A has a cross-sectional area of  $25\text{cm}^2$ . Work out the volume of prism B.

$$\sqrt{x} = 9\sqrt{2}$$

Find x

Make u the subject

$$v^2 = u^2 + 2as$$

Marley invests £4000 in a savings account for 2 years at a rate of  $X\%$  compound interest per annum. At the end of the 2 years, Marley pays tax on the interest at a rate of 25%. After paying tax he gets £121.20

Work out the value of X