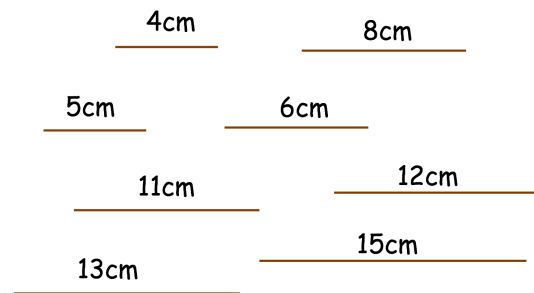


Find the area of shape BDEF

Find the perimeter of shape BDEF

Ibrahim has 7 wooden rods, each with a different length.
He wants to make a right angle triangle using 3 rods.

Circle the three suitable rods.



$$M = 4ac^2$$

$$a = 9.2 \times 10^{-6} \text{ and } c = 7.8 \times 10^4$$

Work out the value of M
Give your answer in standard form correct to 2 significant figures.

a is doubled and c is doubled
Jordan says,
“The value of M will be four times larger because both a and c are doubled.”
Explain why Jordan is wrong.