

M3 = 38 days to go!

7 Holly did three exams.

Her results were:

Geography 28 out of 40

Music 16 out of 25

English 34 out of 50

Her Mum says “English was your best subject.”

Is her Mum right?

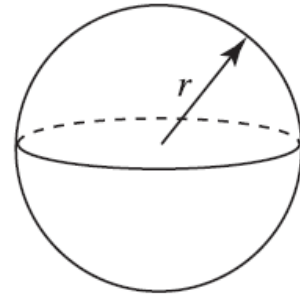
You must show your working and explain your answer.

Answer _____ because _____

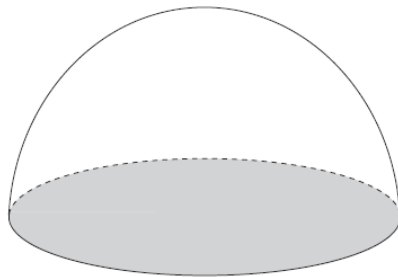
_____ [3]

$$\text{Volume of sphere} = \frac{4}{3}\pi r^3$$

$$\text{Surface area of sphere} = 4\pi r^2$$



20 The **solid** hemisphere has a diameter of 12 cm.



Mary says the total surface area is 226 cm^2 to the nearest cm^2

Martha says the total surface area is 339 cm^2 to the nearest cm^2

Explain with reasoning who is correct.

Answer _____ is correct [4]