



450 visitors visit a museum each Monday, while only 120 visit on each of the remaining six days of the week. How many visitors are there on a daily, average basis in a month of 30 days beginning on a Monday?

164

160

175

190

Show Answer...

Correct Answer: 175

To solve this question, we need to find the total number of visitors in a month and divide it by 30.

The total number of visitors in a month is given by:

$$450 \times 5 + 120 \times 25 = \mathbf{5250}$$

This is because there are five Mondays in a month of 30 days beginning on a Monday, and each Monday has 450 visitors. The remaining 25 days have 120 visitors each.

Dividing this by 30, we get:

$$5250 / 30 = 175$$

Therefore, the correct answer is 175.