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A zoologist is investigating the growth of a population of red squirrels in a forest.

She uses the equation $N = \frac{200}{1 + 9e^{-\frac{t}{5}}}$ as a model to predict the number of squirrels,

N , in the population t weeks after the start of the investigation.

What is the size of the squirrel population at the start of the investigation?

Circle your answer.

[1 mark]

5

20

40

200