Corbettmaths

Calculate angle x

The points ABCD are in a straight line.
AB : BC : BD = 1: 2 : 5
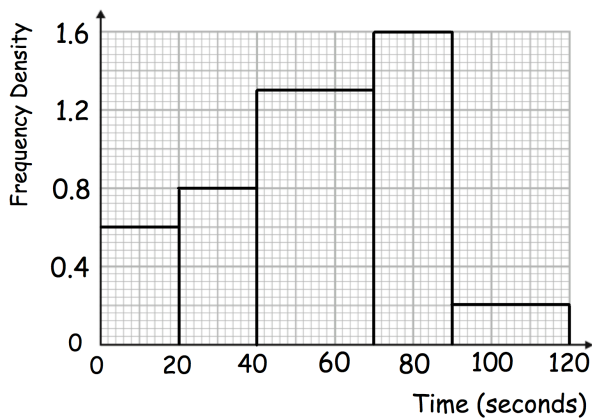
The point B is (2, 17.5) and D is (27, 5)

Find the coordinates of point A

Simplify

$$\frac{x^2 - 1}{x^2 + 4x + 3}$$

The histogram shows information about the time taken to answer a question by a group of students.

12 students answered the question in less than 20 seconds.

How many students took between 20 and 40 seconds to answer the question?

What fraction of the students took longer than 40 seconds to answer the question?