

## **Timester Challenge** Frequency Trees



Complete the frequency tree which represents the 200 A school conducted research into the impact that 80 teachers were asked if they prefer tea or coffee.  $\frac{3}{8}$  of the teachers were male. members of a gym and their use of the gym. completing homework has on students end of year 11 grades. Double the amount of male teachers preferred tea 240 out of the 350 students completed their Attend twice or than coffee. Male homework regularly. more. The female teachers preferred tea and coffee in the 85% of students got their target grade or higher when 124 ratio of 2:3. they completed their homework regularly. Less than twice Complete the frequency tree. 68 70% of students who didn't complete their homework a week 200 regularly got below their target grade. Attend twice or Complete the frequency tree. more. Homework On or Above Completed Target Less than twice Female 26 a week **Below Target** Calculate the percentage of people attending twice or Grade lmore a week. 350 On or Above Target Calculate the percentage of females who attend less You select a teacher at random. What is the likelihood Below Target than twice a week? Homework the teacher is a female who prefers drinking tea? Grade Not Completed Bronze 🤺 Silver

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## Timester Challenge Frequency Trees Answers





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