

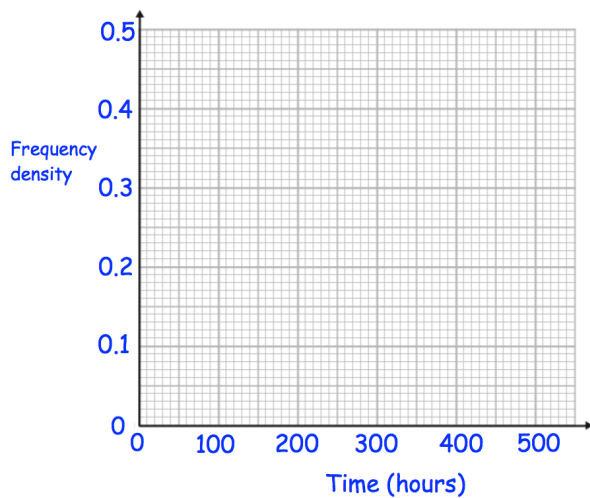


Solve  $x^2 = 50 - 5x$

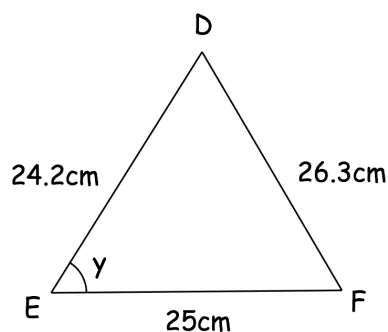
Which of the following is the odd one out?

$64^{\frac{1}{2}}$ ,  $16^{\frac{3}{4}}$ ,  $9^{\frac{2}{3}}$ ,  $4^{\frac{3}{2}}$

Time (t hours)	Frequency
$0 < t \leq 100$	24
$100 < t \leq 150$	21
$150 < t \leq 200$	17
$200 < t \leq 350$	24
$350 < t \leq 500$	9



Draw a histogram to show this information.



Find  $y$ .