

17th November

Corbettmaths

Solve the inequality $3x - 8 > 16$

Height, h, cm	Frequency
$110 \leq h < 120$	13
$120 \leq h < 130$	5
$130 \leq h < 140$	2

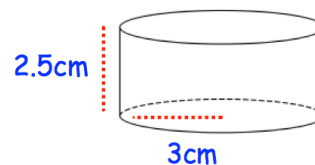
Work out an estimate for the mean

A fish tank has sprung a leak, at the base of the tank.

5% of the water is lost every minute.

How much water is lost from the tank after five minutes?

Calculate the volume of the cylinder.
Give your answer in terms of π
State the units of your answer.



In England, a 10 mile train journey costs £6.40
In Ireland, a 20km train journey costs €10.85

Use 1 mile = 1.6 kilometres
At the time £1 = €1.40

Which train journey is better value?