Name: _____ 5-a-day Higher Plus

18th February

Corbettmaths

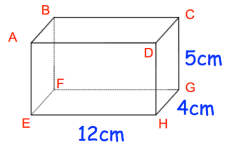
Given $f(x) = \frac{2+x}{3}$

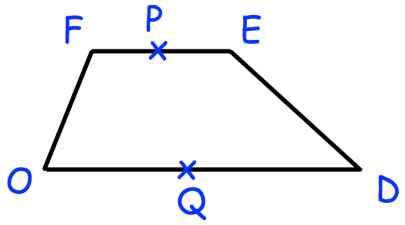
find $f(11)$

Given $f(a) = 0$

find a

Calculate angle HFG





$\overrightarrow{OP}$

ODEF is a trapezium

$\overrightarrow{FE} = 2a \quad \overrightarrow{OF} = b \quad \overrightarrow{OD} = 8a$

Find in terms of **a** and **b**

$\overrightarrow{PQ}$

R is the midpoint of PQ

$\overrightarrow{OR}$

The lines OR and FE meet at Y

$\overrightarrow{QY}$

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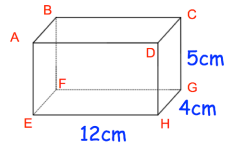

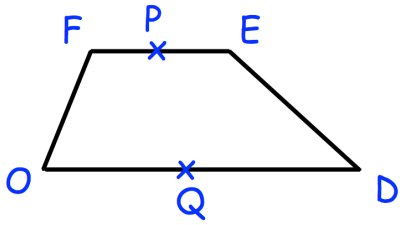

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