### 18th February

**Given**

\[ f(x) = \frac{2 + x}{3} \]

find

\[ f(11) \]

**Given**

\[ f(a) = 0 \]

find \( a \)

---

**Calculate angle HFG**

![Diagram of trapezium ODEF]

ODEF is a trapezium

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

Find in terms of \( a \) and \( b \)

R is the midpoint of PQ

\[ \overrightarrow{OR} \]

The lines OR and FE meet at Y

\[ \overrightarrow{QY} \]