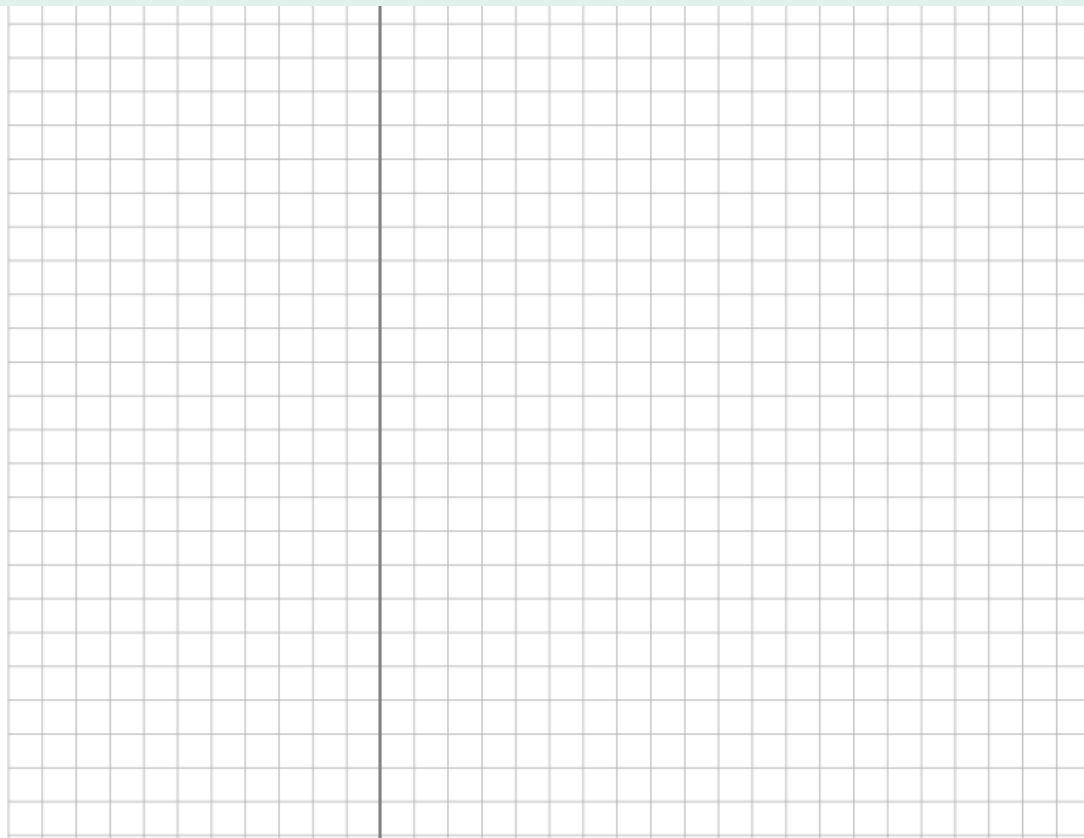


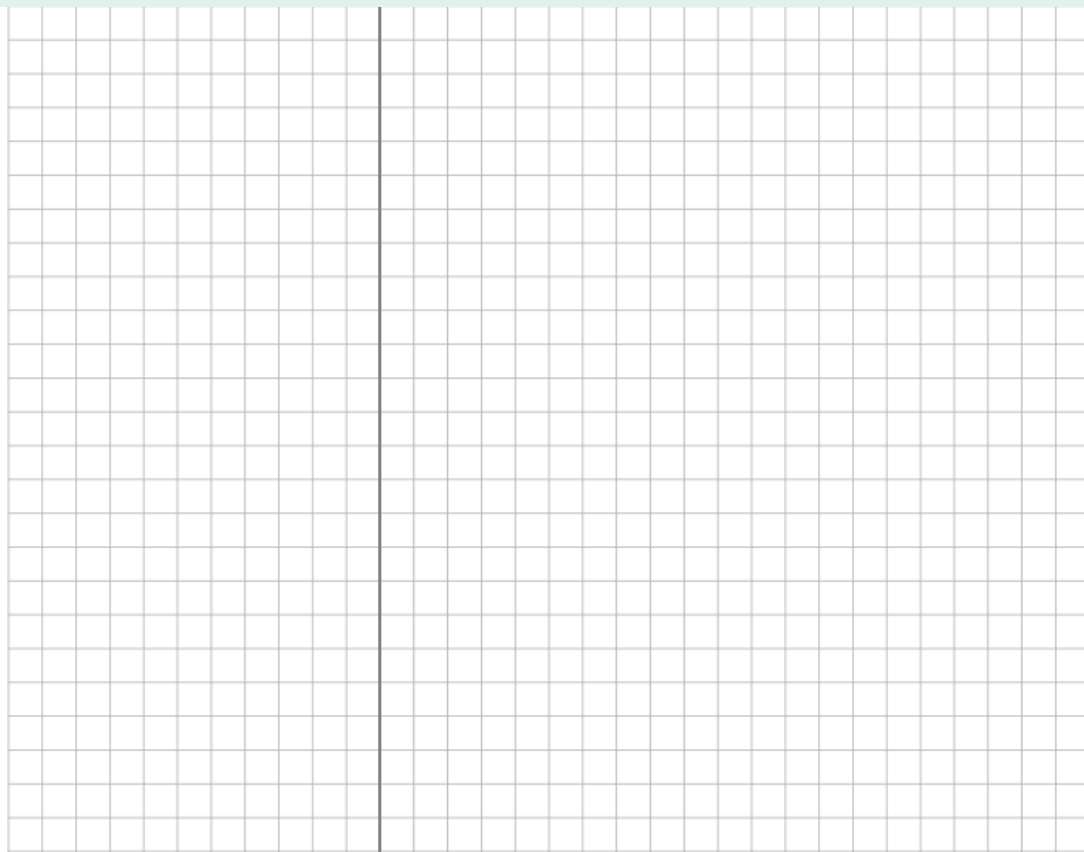
Given $x = \frac{t+4}{3t+1}$, find t in terms of x .

Q.1



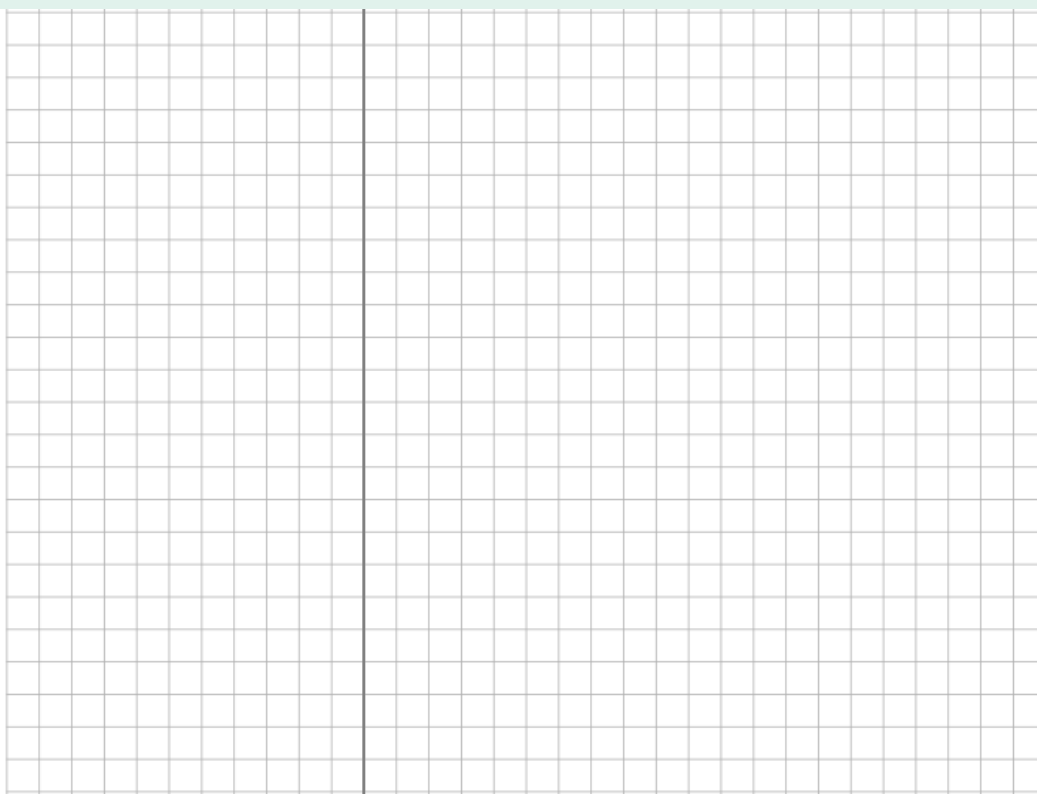
Factorise (i) $a^3 + 8b^3$ (ii) $64c^3 - 125d^3$

Q.2



Solve the linear equation $\frac{2t-3}{5} + \frac{1}{20} = \frac{t-1}{4}$.

Q.3



Solve the simultaneous equations:

A: $x + y + z = 6$

B: $2x + y - z = 1$

C: $4x - 3y + 2z = 4$

Q.4

