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Curve C has equation  $y = \frac{1}{(x-1)^2}$

State the equations of the asymptotes to curve C

Tick (✓) **one** box.

[1 mark]

$x = 0$  and  $y = 0$

☐

$x = 0$  and  $y = 1$

☐

$x = 1$  and  $y = 0$

☐

$x = 1$  and  $y = 1$

☐