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3:45pm

$$(v) y = \frac{e^{2x}}{\cos^2 x}$$

$$y = ex^2 + \cos 2x + \frac{1}{2}$$

$$(vi) y = (5x^2 + 2x + 1)^5$$

$$y = 5^2 + 2x + 1$$

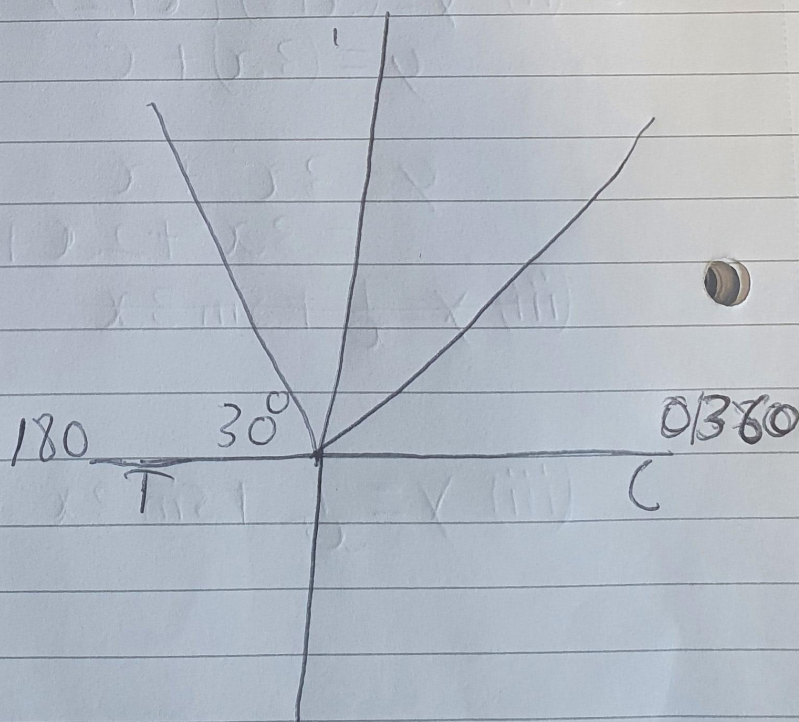
$$y = 10 + x + 5$$

Question 2

$$(i) \sin x = 0.65$$
$$x = \sin^{-1}(0.65)$$
$$x = 30$$

$$(ii) 7 \cos x = 4$$

$$x = 180 - 30$$
$$x = 150^\circ$$



$$(iii) \tan x = 0.22$$
$$x = \tan^{-1} x$$
$$= 30^\circ$$