(1) Select graph for $5x - 1$

Hint

$y = 5x - 1$

$y = mx + c$ ← look like below eqn

So graph shall be straight line

(not a parabolic line)

(2)

$f(x) = 500\, e^{0.05x}$

(3) $x = 17$ $f(x) =$

$= 500\, e^{0.05 \times 17}$

$= 500\, e^{0.85}$

$= 500 \times (2.718)^{0.85}$

$= 1169.720$ (Ans)

(3) $e^{3x+5} = 3^6$

~~$\log e^{3x+5} = 6 \log 3$ of $3x+5$~~

(p.T.O)

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