





A company has **1,000 of invested capital** at the **start of 20X1.**The financials for 20X1 show the following...

	20X1
NOPAT	200
Add back depreciation	100
Сарех	(110)
Change in working capital	(50)
Free cash flow	140

ROIC =

NOPAT
Invested Capital

200 / 1000 = 20%

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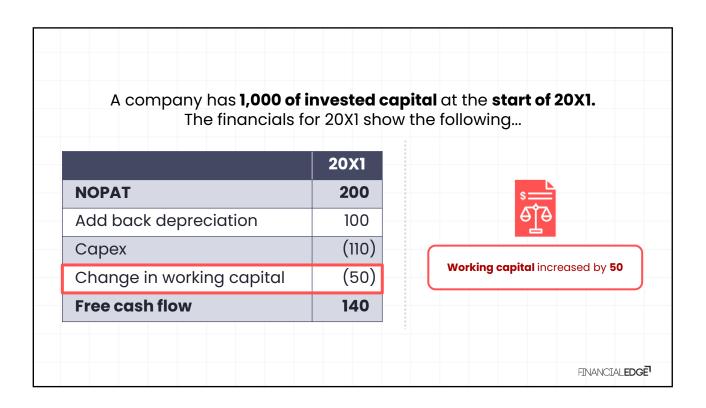
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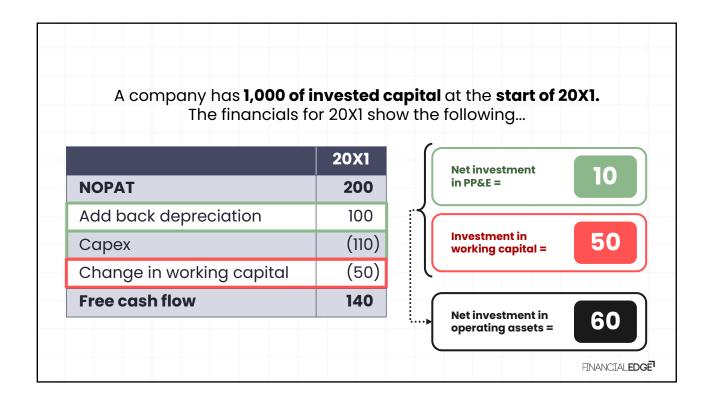


Net investment of 10 - property, plant and equipment (PP&E)

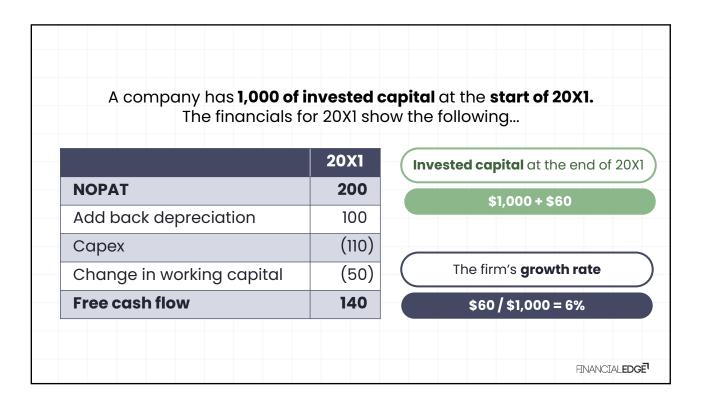
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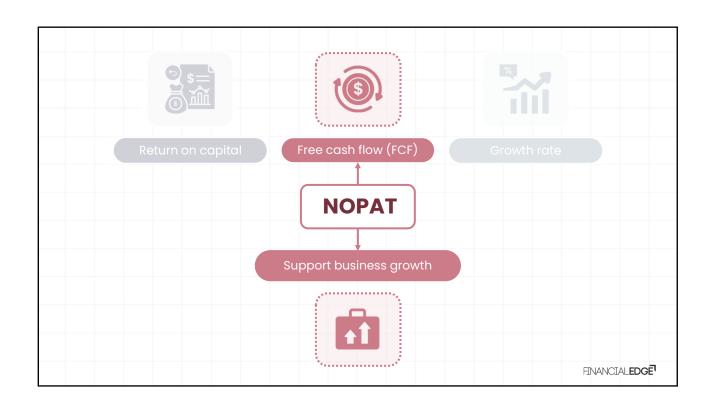






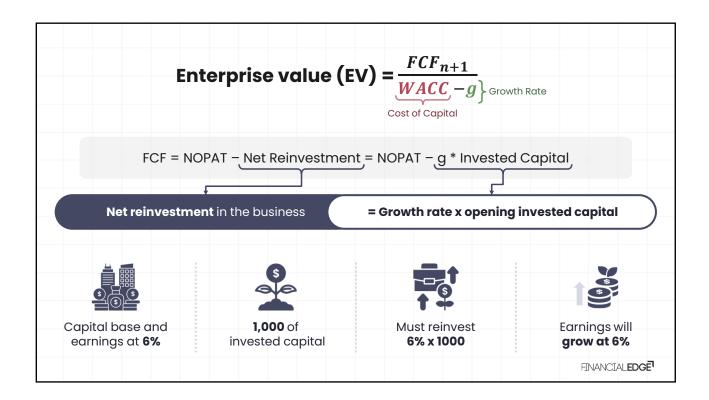














$$\mathbf{EV} = \frac{FCF_{n+1}}{WACC - g}$$

$$\mathbf{FCF} = \text{NOPAT} - \text{Net Reinvestment}$$

$$= \text{NOPAT}_{n+1} - (g * Invested Capital)$$

$$WACC - g$$

$$ROIC = \text{NOPAT} / \text{Invested Capital}$$

$$\mathbf{EV} = \frac{NOPAT_{n+1} * (1 - \frac{g}{ROIC})}{WACC - g}$$

