FOLD

- 1) Print and fold the sheet in half on the vertical dotted line.
- 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

>8

CTP EXAM PREP PLATFORM

Earnings Credit

CHAPTER 7. TOPIC 2

FORMULA

$$= CB * (1 - RR) * ECR \left(\frac{D}{365}\right)$$

Where:

CB = Average Collected Balances

RR = Reserve Requirement

ECR = Earnings Credit Rate

D = Number of Days in the Month



©2021

CTP EXAM PREP PLATFORM

Average Collected Balances Required

CHAPTER 7, TOPIC 2

FORMULA

$$= \frac{SC}{ECR\left(\frac{D}{365}\right) * (1 - RR)}$$

Where:

SC = Service Provider Charges

RR = Reserve Requirement

ECR = Earnings Credit Rate

D = Number of Days in the Month

FORMULA



©2021

CTP EXAM PREP PLATFORM

Balance Sheet Equation

CHAPTER 8, TOPIC 4

Assets = Liabilities + Shareholders'Equity



©2021

CTP EXAM PREP PLATFORM

Future Value (FV)

FORMULA

$$= PV(1+i)^n$$

Where:

PV = Present Value

i = Annual Investment Rate

n = Number of Periods



- Caras
- 1) Print and fold the sheet in half on the vertical dotted line.
- 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

>8

CTP EXAM PREP PLATFORM

Present Value (PV)

CHAPTER 9, TOPIC 2

FORMULA

$$= \frac{FV}{(1+i)^n} \quad \text{or} \quad FV * \left(\frac{1}{(1+i)^n}\right)$$

Where:

FV = Future Value

i = Annual Investment Rate

n = Number of Periods



©2021

CTP EXAM PREP PLATFORM

Present Value (PV) of a Stream of Payments

CHAPTER 9, TOPIC 2

FORMULA

$$= \frac{C_1}{(1+i)^1} + \frac{C_2}{(1+i)^2} + \dots + \frac{C_n}{(1+i)^n}$$

Where:

 $C_n = Cash flow C in time period n$

n = Number of Periods

i = Periodic Investment Rate or Discount Rate



©2021

CTP EXAM PREP PLATFORM

Future Value (FV) for Investment Periods Less Than 1 Year

CHAPTER 9, TOPIC 2

FORMULA

$$= PV \left(1 + (Days) \left(\frac{i}{Days \text{ in a Year}} \right) \right)$$

Where:

PV = Present Value

i = Annual Investment Rate



©2021

CTP EXAM PREP PLATFORM

Present Value (PV) for Investment Periods Less Than 1 Year

FORMULA

$$= \frac{\text{FV}}{\left(1 + (\text{Days})\left(\frac{\text{i}}{\text{Days in a Year}}\right)\right)}$$

Where:

FV = Future Value

i = Annual Investment Rate



- 1) Print and fold the sheet in half on the vertical dotted line. 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

CTP EXAM PREP PLATFORM

After-Tax Cost of Debt

CHAPTER 9. TOPIC 3

CTP EXAM PREP PLATFORM

Capital Asset Pricing Model (CAPM)

CHAPTER 9, TOPIC 3

CTP EXAM PREP PLATFORM

Weighted Average Cost of Capital (WACC)

CHAPTER 9. TOPIC 3

CTP EXAM PREP PLATFORM

Economic Value Added (EVA)

FORMULA

$$= r_D(1 - T)$$

Where:

 r_D = Yield to maturity on newly issued debt on a before-tax basis

T = Firm's marginal income tax rate



©2021

FORMULA

$$= r_{RF} + (r_M - r_{RF})\beta$$

Where:

 r_{RF} = Expected return on the risk-free rate

 r_M = Expected return on the market portfolio

 β = Beta value for the company's stock

i = Annual Investment Rate



©2021

FORMULA

$$= w_D r_D (1 - T) + w_E r_E$$

Where:

W_D = Weighting of debt financing

 $r_{\text{\tiny D}} = Yield$ to maturity on newly issued debt on a before-tax basis

T = Firm's marginal tax rate

W_E = Weighting of equity financing

 r_E = Required rate of return on equity



@2021

FORMULA

= EBIT(1 - T) - (WACC)(Long term Debt + Equity)

Where:

EBIT = Earnings before Interest and Tax

T = Firm's marginal tax rate

WACC = Weighted average cost of capital



Net Present Value (NPV)

1) Print and fold the sheet in half on the vertical dotted line.

FORMULA

- 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

CTP EXAM PREP PLATFORM

$= \frac{C_1}{(1+i)^1} + \frac{C_2}{(1+i)^2} + \frac{C_3}{(1+i)^3} + \dots + \frac{C_n}{(1+i)^n} - \text{Cost}$

Where:

C = Net cash flow in a given year n

i = WACC or discount rate

Cost = Cash outflow



©2021

CHAPTER 9, TOPIC 3

CTP EXAM PREP PLATFORM

Profitability Index (PI)

CHAPTER 9, TOPIC 3

CTP EXAM PREP PLATFORM

CTP EXAM PREP PLATFORM

Break-Even Quantity

CHAPTER 9. TOPIC 5

Degree of Total Leverage

FORMULA

Present Value of Cash Inflows Present Value of Cash Outflows



©2021

FORMULA

Fixed Costs Selling Price per Unit – Variable Cost per Unit



@2021

FORMULA

% Change in Net Income % Change in Sales



- 1) Print and fold the sheet in half on the vertical dotted line. 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

FORMULA

CTP EXAM PREP PLATFORM

Degree of Operating Leverage

% Change in EBIT % Change in Sales

CHAPTER 9. TOPIC 5



©2021

CTP EXAM PREP PLATFORM

Degree of Financial Leverage

FORMULA

% Change in Net Income % Change in EBIT



©2021

CHAPTER 9, TOPIC 5

CTP EXAM PREP PLATFORM

FORMULA

Revenue

Total Asset Turnover





@2021

CTP EXAM PREP PLATFORM

Fixed Asset Turnover

Revenue Net Property, Plant and Equipment



- 1) Print and fold the sheet in half on the vertical dotted line. 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

FORMULA

CTP EXAM PREP PLATFORM

Current Asset Turnover

Revenue **Current Assets**

ASSOCIATION FOR FINANCIAL PROFESSIONALS **CHAPTER 9. TOPIC 6**

©2021

CTP EXAM PREP PLATFORM

Cash Conversion Efficiency

Total Liabilities to Total Assets

FORMULA

Cash Flow from Operations Revenues



©2021

CHAPTER 9, TOPIC 6

CTP EXAM PREP PLATFORM

FORMULA

Total Liabilities Total Assets

CHAPTER 9, TOPIC 6



@2021

CTP EXAM PREP PLATFORM

Long-term Debt to Capital

FORMULA

Long term Debt Long term Debt + Equity



- Caras
- 1) Print and fold the sheet in half on the vertical dotted line.

FORMULA

- 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

->{

CTP EXAM PREP PLATFORM

Debt to Equity

 $= \frac{\text{Total Debt}}{\text{Total Equity}}$



©2021

CTP EXAM PREP PLATFORM

CHAPTER 9. TOPIC 6

Debt to Tangible Net Worth

Times Interest Earned

 $= \frac{\text{Total Debt}}{\text{Total Equity} - \text{Intangible Assets}}$

FORMULA



©2021

CHAPTER 9, TOPIC 6

CTP EXAM PREP PLATFORM

FORMULA

$$= \frac{EBIT}{Interest Expense}$$

CHAPTER 9, TOPIC 6



©2021

CTP EXAM PREP PLATFORM

Fixed-Charge Coverage Ratio

$= \frac{\text{EBIT} + \text{Fixed Charges}}{\text{Interest Expense} + \text{Fixed Charges}}$



- 1) Print and fold the sheet in half on the vertical dotted line. 2) Cut out your flashcards on the horizontal dashed lines.

FORMULA

- 3) Tape or staple the open edges of your flashcards.

CTP EXAM PREP PLATFORM

Gross Profit Margin

Gross Profit Revenues

ASSOCIATION FOR FINANCIAL PROFESSIONALS

©2021

CTP EXAM PREP PLATFORM

CHAPTER 9, TOPIC 6

EBITDA Margin

FORMULA



©2021

CTP EXAM PREP PLATFORM

Operating Profit Margin

FORMULA

EBIT Revenues

CHAPTER 9, TOPIC 6

CHAPTER 9, TOPIC 6

ASSOCIATION FOR FINANCIAL PROFESSIONALS

©2021

CTP EXAM PREP PLATFORM

Net Profit Margin

FORMULA

Net Income Revenues



- 1) Print and fold the sheet in half on the vertical dotted line. 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

FORMULA

Return on Assets (ROA)

Net Income

CHAPTER 9. TOPIC 6



©2021

CTP EXAM PREP PLATFORM

CTP EXAM PREP PLATFORM

FORMULA

Return on Equity (ROE)

Net Income Total Equity

CHAPTER 9, TOPIC 6



©2021

CTP EXAM PREP PLATFORM

FORMULA

Return on Common Equity (ROCE)

Net Income - Preferred Dividends Total Equity — Preferred Equity

CHAPTER 9, TOPIC 6



@2021

CTP EXAM PREP PLATFORM

FORMULA

Return on Invested Capital (ROIC)

Net Income Long term Debt + Equity



CTP Exam Prep Platform Formula Flashcards 1) Print and fold the sheet in half on the vertical dotted line. 2) Cut out your flashcards on the horizontal dashed lines. 3) Tape or staple the open edges of your flashcards. FORMULA **CTP EXAM PREP PLATFORM Residual Income (RI)** = Net Income - (Invested Capital * Cost of Capital) ASSOCIATION FOR FINANCIAL PROFESSIONALS **CHAPTER 9. TOPIC 6** ©2021 **FORMULA CTP EXAM PREP PLATFORM** Free Cash Flow (FCF) = Cash Flow from Operating Activities - Capital Expenditures ASSOCIATION FOR FINANCIAL PROFESSIONALS **CHAPTER 9, TOPIC 6** ©2021 **FORMULA CTP EXAM PREP PLATFORM** = Cash Flow from Operating Activities + [Interest Expense * (1 - Tax Rate)]

Free Cash Flow to the Firm (FCFF)

CHAPTER 9, TOPIC 6

CTP EXAM PREP PLATFORM

Free Cash Flow to Equity (FCFE)

- Capital Expenditures



FORMULA

= FCFF - [Interest Expense * (1 - Tax Rate)] + Change in Total Debt



@2021

- 1) Print and fold the sheet in half on the vertical dotted line.
- 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

FORMULA

CTP EXAM PREP PLATFORM

DuPont Approach

= Net Income * Revenues * Average Total Assets * Average Total Assets Average Equity



©2021

CTP EXAM PREP PLATFORM

CHAPTER 9. TOPIC 6

Net Working Capital

= Current Assets - Current Liabilities

FORMULA

/FP* ASSOCIATION FOR FINANCIAL PROFESSIONALS

©2021

CTP EXAM PREP PLATFORM

CHAPTER 11, TOPIC 2

CHAPTER 11, TOPIC 2

Current Ratio

= Total Current Assets
Total Current Liabilities

FORMULA



@2021

CTP EXAM PREP PLATFORM

Quick Ratio

= Cash + Short term Investments + Accounts Receivable
Total Current Liabilities



- 1) Print and fold the sheet in half on the vertical dotted line.

FORMULA

- 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

CTP EXAM PREP PLATFORM

Days Cash Held

Cash Operating Expenses — Noncash Expenses



©2021

CTP EXAM PREP PLATFORM

CHAPTER 11, TOPIC 2

Days Inventory (DI)

Days Receivables (DR)

FORMULA

$$= \frac{Inventory}{Cost of Goods Sold} * 365$$



©2021

CHAPTER 11, TOPIC 3

CTP EXAM PREP PLATFORM

FORMULA

$$=\frac{\text{Accounts Receivable}}{\text{Revenue}} * 365$$



@2021

CTP EXAM PREP PLATFORM

Days Payables (DP)

FORMULA

$$= \frac{Accounts Payable}{Cost of Goods Sold} * 365$$



CHAPTER 11, TOPIC 3

- 1) Print and fold the sheet in half on the vertical dotted line.
 - 2) Cut out your flashcards on the horizontal dashed lines.
 - 3) Tape or staple the open edges of your flashcards.

CTP EXAM PREP PLATFORM

Cash Conversion Cycle (CCC)

= Days Inventory + Days Receivables - Days Payables

FORMULA



©2021

CTP EXAM PREP PLATFORM

Cash Turnover

Cash Conversion Cycle

FORMULA



©2021

CHAPTER 11, TOPIC 3

CHAPTER 11. TOPIC 3

CTP EXAM PREP PLATFORM

Annualized Cost of Forgoing the Trade Credit Discount

CHAPTER 11, TOPIC 4

FORMULA

$$=\frac{D}{100-D}*\frac{365}{N-T}$$

Where:

D = Discount percentage

N = Net period (in days)

T = Discount period (in days)



@2021

CTP EXAM PREP PLATFORM

Break Even Point for Delaying Payment to Supplier

FORMULA

$$C = \frac{D}{100 - D} * \frac{365}{B - T}$$

Where:

C = Company's cost of funds

D = Discount percentage

B = Break-even point (in days)

T = Discount period (in days)



- 1) Print and fold the sheet in half on the vertical dotted line.
 - 2) Cut out your flashcards on the horizontal dashed lines.
 - 3) Tape or staple the open edges of your flashcards.

>{

CTP EXAM PREP PLATFORM

Net Benefit of Offering a Trade Credit Discount

CHAPTER 11, TOPIC 4

FORMULA

$$= \frac{\text{Credit Sale} * (1 - D)}{1 + \left(T * \frac{C}{365}\right)} - \frac{\text{Credit Sale}}{1 + \left(N * \frac{C}{365}\right)}$$

Where:

C = Company's cost of funds

D = Discount percentage

N = Net period (in days)

T = Discount period (in days)



©2021

CTP EXAM PREP PLATFORM

Days Sales Outstanding (DSO)

CHAPTER 11, TOPIC 5

FORMULA

$$= \frac{\text{Accounts Receivable}}{\text{Average Daily Credit Sales for Period}}$$



©2021

CTP EXAM PREP PLATFORM

Average Past Due

CHAPTER 11, TOPIC 5

FORMULA

= DSO − Average Days of Credit Terms



©2021

CTP EXAM PREP PLATFORM

Discount

1 – 1

Where

 $TD = Total \ days' \ difference \ between \ check \ and \ electronic \ payments$ $r = Annual \ opportunity \ cost \ rate$



- 1) Print and fold the sheet in half on the vertical dotted line.

FORMULA

- 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

-->{

CTP EXAM PREP PLATFORM

Break Even Wire Transfer Amount

 $= \frac{\text{Wire Cost} - \text{ACH Cost}}{\text{Days Accelerated} * \left(\frac{\text{Opportunity Cost}}{365 \text{ Days}}\right)}$



©2021

CTP EXAM PREP PLATFORM

CHAPTER 12. TOPIC 4

Taxable Equivalent Yield

 $= \frac{\text{Tax Exempt Yield}}{1 - \text{Marginal Tax Rate}}$

FORMULA

/IFP* ASSOCIATION FOR FINANCIAL PROFESSIONALS

©2021

CHAPTER 13, TOPIC 3

CTP EXAM PREP PLATFORM

After-Tax Yield

= Taxable Yield * (1 - Marginal Tax Rate)

FORMULA

/IFP* ASSOCIATION FOR FINANCIAL PROFESSIONALS

©2021

CTP EXAM PREP PLATFORM

CHAPTER 13, TOPIC 3

Holding Period Yield

= Cash Received at Maturity – Amount Invested
Amount Invested

FORMULA



CHAPTER 13, TOPIC 3

©2021

- **15** 1) Pri
- 1) Print and fold the sheet in half on the vertical dotted line.

FORMULA

- 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

-->**{**

CTP EXAM PREP PLATFORM

Money Market Yield (MMY)

FORMULA

 $\left(\frac{\text{Cash Received at Maturity} - \text{Amount Invested}}{\text{Amount Invested}}\right) * \left(\frac{365}{\text{Days to Maturity}}\right)$



©2021

CTP EXAM PREP PLATFORM

Bond Equivalent Yield (BEY)



ASSOCIATION FOR FINANCIAL PROFESSIONALS

©2021

CHAPTER 13, TOPIC 3

CHAPTER 13. TOPIC 3

CTP EXAM PREP PLATFORM

FORMULA

$$= \left(\frac{\text{Dollar Discount}}{\text{Par Value}}\right) * \left(\frac{360}{\text{Days to Maturity}}\right)$$



©2021

CTP EXAM PREP PLATFORM

CHAPTER 13, TOPIC 3

Dollar Discount

Discount Rate

= Discount Rate * Par Value *
$$\left(\frac{\text{Days to Maturity}}{360}\right)$$



- 1) Print and fold the sheet in half on the vertical dotted line. 2) Cut out your flashcards on the horizontal dashed lines.

FORMULA

3) Tape or staple the open edges of your flashcards.

CTP EXAM PREP PLATFORM

Purchase Price

= Par Value - Dollar Discount



©2021

CTP EXAM PREP PLATFORM

CHAPTER 13. TOPIC 3

Commercial Paper Usable Funds

= Par Value - Dollar Discount

FORMULA

ASSOCIATION FOR FINANCIAL PROFESSIONALS

©2021

CHAPTER 13, TOPIC 4

CTP EXAM PREP PLATFORM

FORMULA

= Annual Dealer Fee Rate * CP Issue Size * $\left(\frac{\text{Days to Maturity}}{360}\right)$

Prorated Dealer Fee

ASSOCIATION FOR FINANCIAL PROFESSIONALS

@2021

CHAPTER 13, TOPIC 4

CTP EXAM PREP PLATFORM

Prorated Backup LC Fee

FORMULA

= Annual Backup LC Fee Rate * CP Issue Size * $\left(\frac{\text{Days to Maturity}}{360}\right)$



- 1) Print and fold the sheet in half on the vertical dotted line.
- 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

FORMULA

CTP EXAM PREP PLATFORM

Annualized Cost of CP

$$= \left(\frac{\text{Dollar Discount} + \text{Dealer Fee} + \text{Backup LC Fee}}{\text{Usuable Funds}}\right) * \left(\frac{365}{\text{Days to Maturity}}\right)$$



©2021

CTP EXAM PREP PLATFORM

CHAPTER 13. TOPIC 4

Commercial Paper Nominal Yield

$$= \left(\frac{\text{Dollar Discount}}{\text{Purchase Price}}\right) * \left(\frac{365}{\text{Days to Maturity}}\right)$$

FORMULA

ASSOCIATION FOR FINANCIAL PROFESSIONALS

©2021

CTP EXAM PREP PLATFORM

CHAPTER 13, TOPIC 4

Interest Paid

= Average Borrowings * All In Rate

FORMULA

CHAPTER 13, TOPIC 4



@2021

CTP EXAM PREP PLATFORM

Fee on Unused Portion

= Unused Portion * Commitment Fee



1) Print and fold the sheet in half on the vertical dotted line.

FORMULA

- 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

CTP EXAM PREP PLATFORM

Annualized Cost of Line

Interest + Fee on Unused Portion of Line **Used Portion of Line**



©2021

CTP EXAM PREP PLATFORM

CHAPTER 13. TOPIC 4

Interest Rate Factors

Forecasting with

Exponential Smoothing

CTP EXAM PREP PLATFORM

ASSOCIATION FOR FINANCIAL PROFESSIONALS **CHAPTER 13, TOPIC 5**

FORMULA

$$= r_{RF} + IP + DP + LP + MP$$

 r_{RF} = Real risk-free rate of interest

IP = Inflation Premium

DP = Default Premium

LP = Liquidity Premium

MP = Maturity Premium



$$=\alpha X_t + (1-\alpha)(F_t)$$

Where:

 α = Smoothing constant

 X_t = Actual cash flow for the current period

 F_t = Cash flow forecast for the current period

FORMULA



@2021

©2021

CHAPTER 14, TOPIC 5

CTP EXAM PREP PLATFORM

Cashflow at Risk (CaR)

= 1.65 * Standard Deviation (of annual cash flow)



FOLD

- 1) Print and fold the sheet in half on the vertical dotted line.
- 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

->{

CTP EXAM PREP PLATFORM

FORMULA

Value at Risk (VaR)

Derivative Interest Differential

Derivative Settlement Amount

= Portfolio Value * 1.65 * Standard Deviation

CHAPTER 16. TOPIC 4



©2021

CTP EXAM PREP PLATFORM

FORMULA

$$= (r_s - r_c) * \frac{d}{y} * Notional Principal$$

Where:

 r_s = Settlement rate

 r_c = Contract rate

d = Number of days in the period

y = number of days in the year



©2021

CHAPTER 17, TOPIC 5

CTP EXAM PREP PLATFORM

FORMULA

$$= \frac{\text{Interest Differential}}{1 + \left(r_s * \frac{d}{y}\right)}$$

Where:

 r_s = Settlement rate

d = Number of days in the period

y = number of days in the year



©2021

CHAPTER 17, TOPIC 5

CTP EXAM PREP PLATFORM

Forward Rate

FORMULA

= Spot Rate *
$$\frac{1 + (r_v * \frac{d}{y})}{1 + (r_b * \frac{d}{y})}$$

Where:

 $r_b = Base \ currency \ interest \ rate$

 $r_v\!=\text{Variable currency interest rate}$

d = Number of days in the period

y = number of days in the year

- FOLD
- 1) Print and fold the sheet in half on the vertical dotted line.
- 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

>8

CTP EXAM PREP PLATFORM

Forward Points

CHAPTER 17, TOPIC 6

FORMULA

$$= (r_v - r_b) * \frac{d}{y} * Spot rate * 100$$

Where

 r_b = Base currency interest rate

 r_v = Variable currency interest rate

d = Number of days in the period

y = number of days in the year



©2021

CTP EXAM PREP PLATFORM

Market Price of a Bond

CHAPTER 19, TOPIC 2

FORMULA

$$= \frac{CF_1}{(1+k)^1} + \frac{CF_2}{(1+k)^2} + \dots + \frac{CF_N}{(1+k)^N}$$

Where:

$$\label{eq:cfn} \begin{split} CF_N &= \text{Annual cash flow produced by the security in year N} \\ k &= \text{Required rate of return or opportunity cost for the security} \end{split}$$



©2021

CTP EXAM PREP PLATFORM

Price of Preferred Stock

CHAPTER 19, TOPIC 2

FORMULA



©2021

CTP EXAM PREP PLATFORM

Price of Common Stock (Gordon Growth Model)

FORMULA

$$= \frac{D_t(1+g)}{k-g}$$

Where:

Dt = Current dividend paid

g = Expected dividend growth rate

k = Required return on common equity



1) Print and fold the sheet in half on the vertical dotted line.

FORMULA

- 2) Cut out your flashcards on the horizontal dashed lines.
- 3) Tape or staple the open edges of your flashcards.

-->{

CTP EXAM PREP PLATFORM

Earnings Multiplier

 $= \frac{\text{Market Share Price}}{\text{Earnings Per Share}}$

CHAPTER 19. TOPIC 2



©2021

CTP EXAM PREP PLATFORM

Approximate % Change in Bond Price

= -Duration * Change in interest rate

FORMULA

CHAPTER 19, TOPIC 3



©2021

CTP EXAM PREP PLATFORM

Portfolio Beta

= (% of Co. X Stock * Co. X Beta) + (% of Co. Y Stock * Co. Y Beta)

FORMULA

CHAPTER 19, TOPIC 3



©2021

CTP EXAM PREP PLATFORM

Portfolio Return

= (% of Co. X Stock * Co. X Return) + (% of Co. Y Stock * Co. Y Return)

