101	if it's to work each of the following situations.
a.	Find the required return for an asset with a beta of 2.2 when the risk-free rate
	and market return are 5% and 32%, respectively.
ь.	Find the risk-free rate for a firm with a required return of 23.75% and a beta of
	1.25 when the market return is 20%.
c.	Find the market return for an asset with a required return of 18% and a beta of
	1.2 when the risk-free rate is 8%.
d.	Find the beta for an asset with a required return of 15% when the risk-free rate
	and market return are 3% and 15%, respectively.

P8–26 Manipulating CAPM Use the basic equation for the capital asset pricing model (CAPM) to work each of the following situations.

[P8-26]
$$r_{ij} = R_{f} + [B_{ij} \times (r_{m} - R_{f})]$$

(a) $B = 2,2$, $R_{f} = 5\%$, $r_{m} = 32\%$
 $r_{ij} = 5\%$, $t = 2,2 \times (32\% - 5\%)] = ,644 = 64,4\%$
(b) $r_{ij} = 23,75\%$, $r_{ij} = 20\%$
 $r_{ij} = 23\%$, $r_{ij} = 20\%$

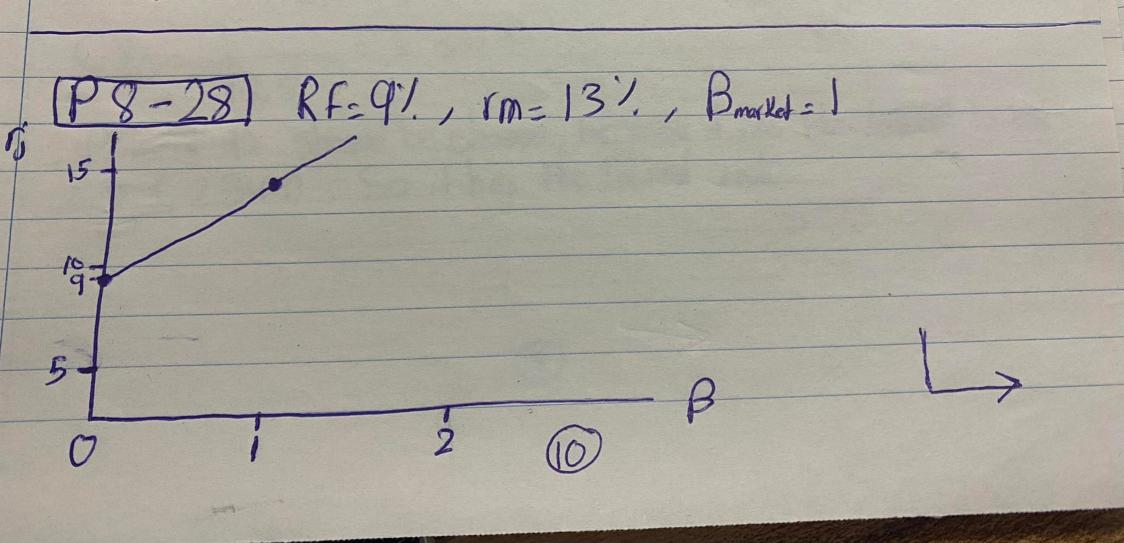
C) $f_{1}=191$, $f_{2}=1,2$, $f_{4}=91$. $f_{1}=191$, $f_{2}=1,2$, $f_{4}=91$. $f_{1}=191$, $f_{2}=1,2$, $f_{3}=1,2$, $f_{4}=1,2$, $f_{5}=1,2$, $f_{6}=1,2$,

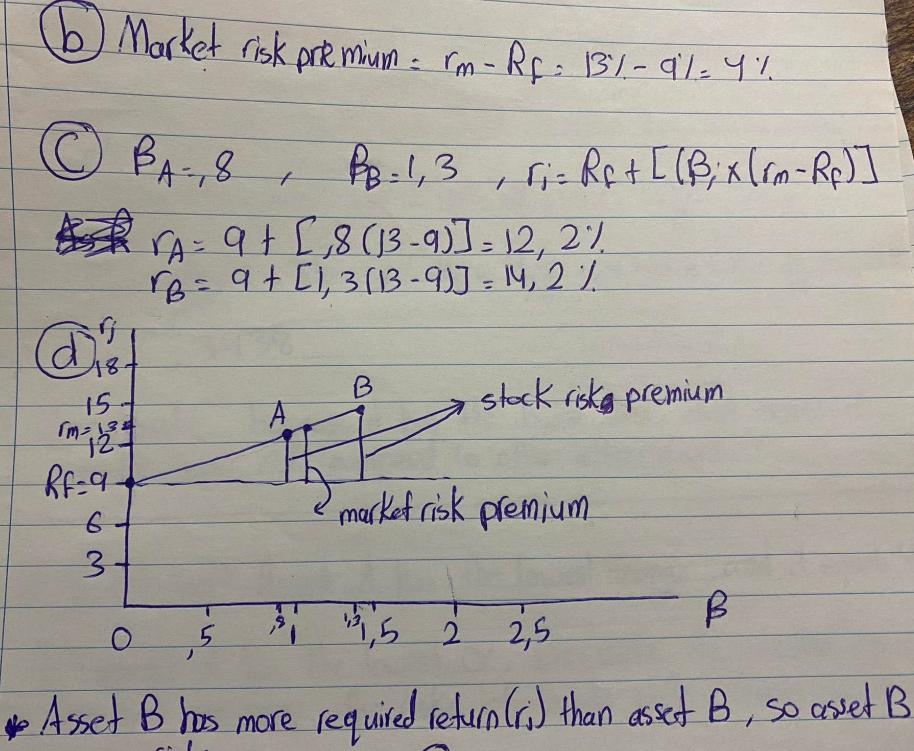
(d) $r_{i} = 15\%$, $R_{F} = 3\%$, $r_{m} = 15\%$. $15\% = 3\% + [B \times (15\% - 3\%)]$ $15\% = 3\% + 15\beta - 03\beta$ $12 = 12\beta$

c. Given the previous data, calculate the required return on asset A having a beta of 0.80 and asset B having a beta of 1.30.

Security market line (SML) Assume that the risk-free rate, R_F , is currently 9% and

d. Draw in the betas and required returns from part c for assets A and B on the axes in part a. Label the risk premium associated with each of these assets, and discuss them.





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