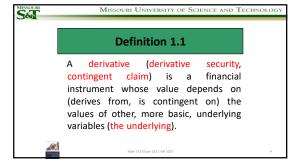
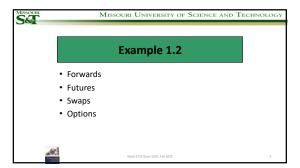


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Remark 1.3

Market forms for derivatives are

• Exchange-traded markets, e.g.,
NYSE 1792, CBOT 1848, CME 1919,
NASDAQ 1971, CBOE 1973

— open outcry system

— electronic

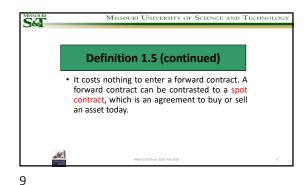
• Over-the-counter markets

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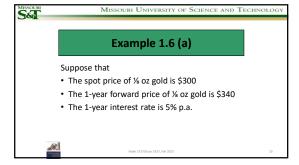
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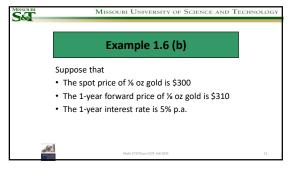






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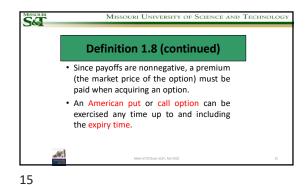




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Suppose an investor owns 1000 Microsoft shares on August 15, 2025, \$522 per share is the current price. Suppose the investor is concerned about a possible share price decline in the next 2 months and wants protection. The investor could buy 10 put option contracts with strike price \$520 and expiration time October 17, 2025. Assume each option price is \$14. Ignore the time value of money.

Example 1.10

On August 15, 2025, European calls on Microsoft stock with K=515 USD and T=October 17, 2025 were traded at 21.04 USD at NASDAQ. Ignoring the time value of money, when will the investment bring profit?

16 17