Math 142 – Calculus 2
Section 7.4 Video Workshee

Exponential change a	and separable	differential	equations
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Law of exponential change

Differential equation

# of cases of disease is reduced by 20% per yr. If 10,000 cases today, how long for 1000 cases?

Interest paid by compounding continuously

Radioactive Decay		
Half life		
Newton's Law of cooling		