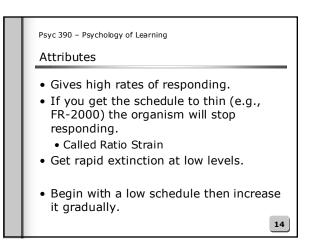
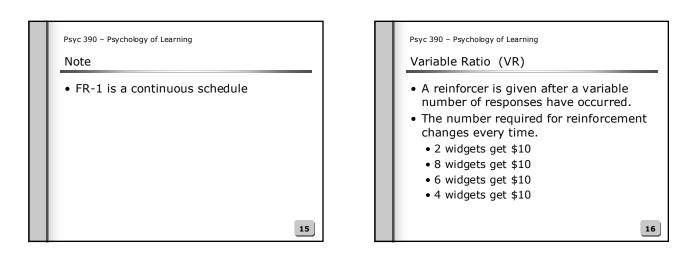
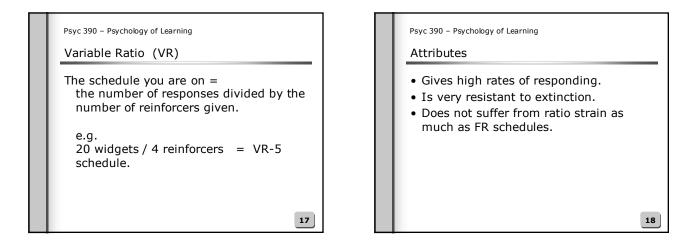


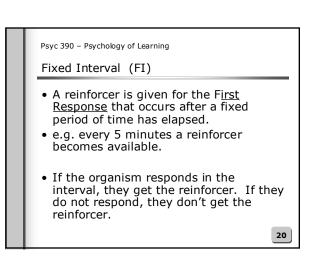
Psyc 390 – Psychology of Learning
Fixed Ratio (FR)
A reinforcer is given after a fixed number of responses have been emitted 5 widgets get \$10 5 widgets get another \$10 5 widgets get \$10
 What schedule you are on = number of responses that are required before a reinforcer is given. 5 widgets per reinforcer = FR-5 schedule







Psyc 390 – Psychology of Learning Interval Schedules
 Are based on time Two things must occur A certain interval of time must elapse before the organism can get the reinforcer.
 The organism must make one response during the time interval to get the reinforcer.
• The first response the organism makes during the time interval is the one that is reinforced. Note: The number of responses emitted during the time block is irrelevant.

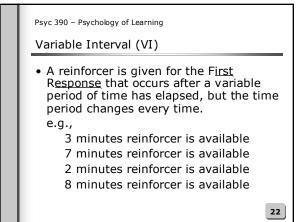


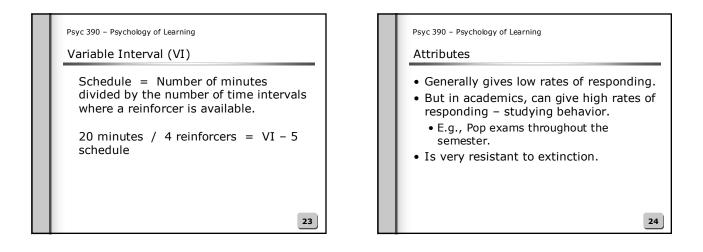
Psyc 390 - Psychology of Learning

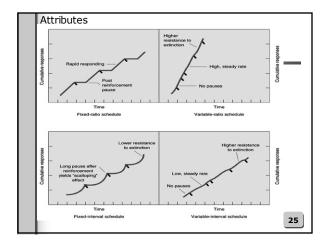
Attributes

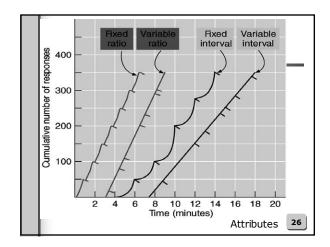
- Does not give the rates of responding that ratio schedules provide.
- The organism takes a break after receiving its reinforcement. Develops a scalping effect on the cumulative recorder.

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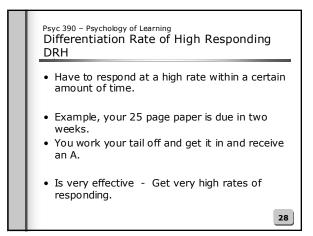


Psyc 390 – Psychology of Learning

Differentiation Schedules

- Also called IRT schedules.
- Used where the reinforcer depends BOTH on time and and the number of reinforcers.
- Can be very effective in producing or reducing behavior.

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Psyc 390 - Psychology of Learning Problem Cannot make the level to high If the organism does not respond enough, it will receive less reward and ultimately decrease the response rate. Looks like an FI schedule. Work hard, get paper in, then you take a break.

Psyc 390 - Psychology of Learning Differentiation Rate of Low Responding DRL

- Is designed to create low levels of responding during a particular time period.
- E.g., Don't want a child to act out in class. Give the kid a reinforcer when acting out responses are low during a particular time period.

Will give low rates of responding.

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Psyc 390 – Psychology of Learning
Attributes
Works well in applied settings.
• Schools • Group homes
• Other
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