

Chapter 1.

Measurement's Importance to Educational Leaders

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- What's in Name?
- What you don't need to know
- What you do need to know
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Definitions

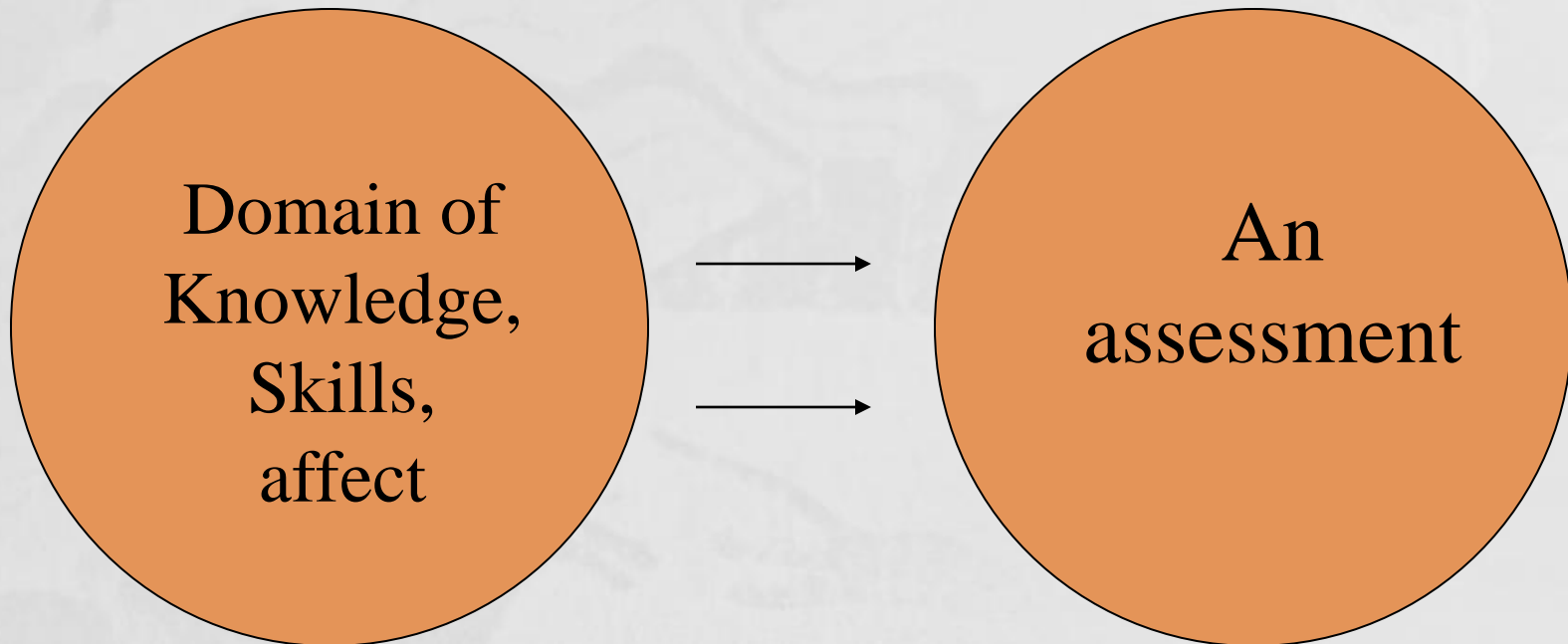
- **Assessment:** a process by which educators use students' responses to specially created or naturally occurring stimuli in order to make inferences about students' knowledge, skills, or affective status

What to measure

- Knowledge: how many of 500 hard-to-spell words a student can spell correctly from memory
- Skills: a students' ability to make a successful extemporaneous oral presentation to classmates after only forty minutes of preparation time
- Affective Status: students' attitudes toward specific subjects such as math, science, or art

Why we need assessment

- For decision-making
- But problem: Elusive to assess
- Inference = Interpretation



Sampling



Who are educational leaders?

- Educators whose decisions influence the decision of others who are responsible for educating students

What you don't need to know

- Assessment operation



(ii) 관성상존 : 균등속도여 보존.

$$\frac{1}{2} m V^2 = \frac{1}{2} (m) V_1^2 +$$

$$\left. \begin{aligned} V &= \frac{1}{3} V \\ &= \frac{4}{3} V \end{aligned} \right\} \therefore V_B - V_A =$$

관마키 도여 전량 시간 : $\frac{\text{time}}{\text{cycle}}$

120° : 2분초

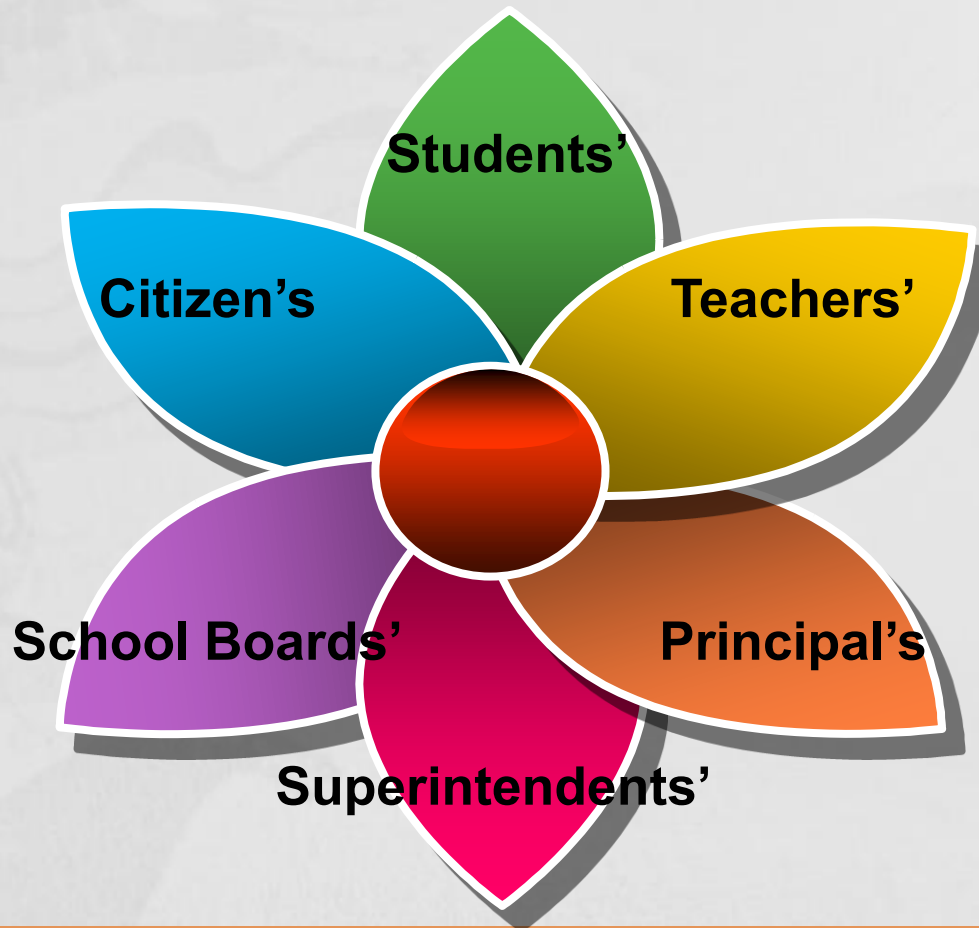
$$50^\circ = (360 + 120^\circ) = 480^\circ = 8\text{분초}$$



120° 되는 초여 만난다.

What you need to know

1. Indicators of educational effectiveness



What you need to know (cont.)

Test score
≠
quality of education

What you need to know (cont.)

2. Assessment as an ally to instruction

Assessment helps Teaching

What you need to know (cont.)

Assessing

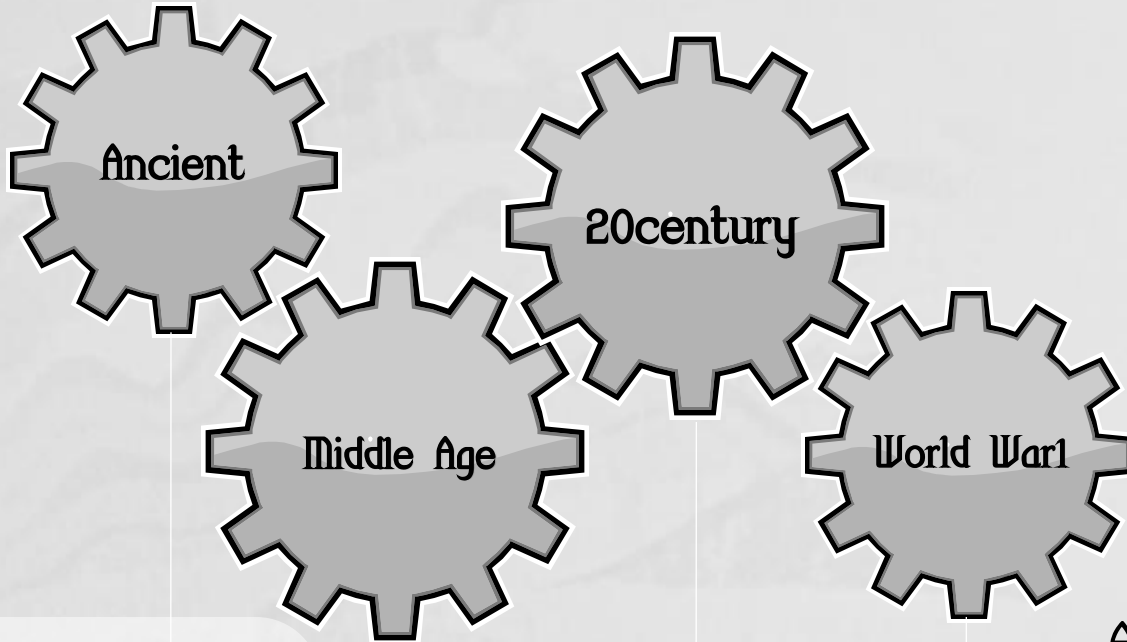
1. entry behaviors
2. en-route monitoring
3. closing the sequence

Two Assessment Emphases

1. IMPROVING INSTRUCTION
2. EVALUATING EDUCATIONAL QUALITY

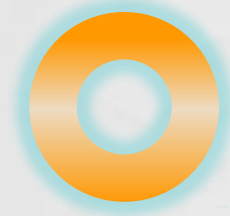


A Brief, Historical Dip

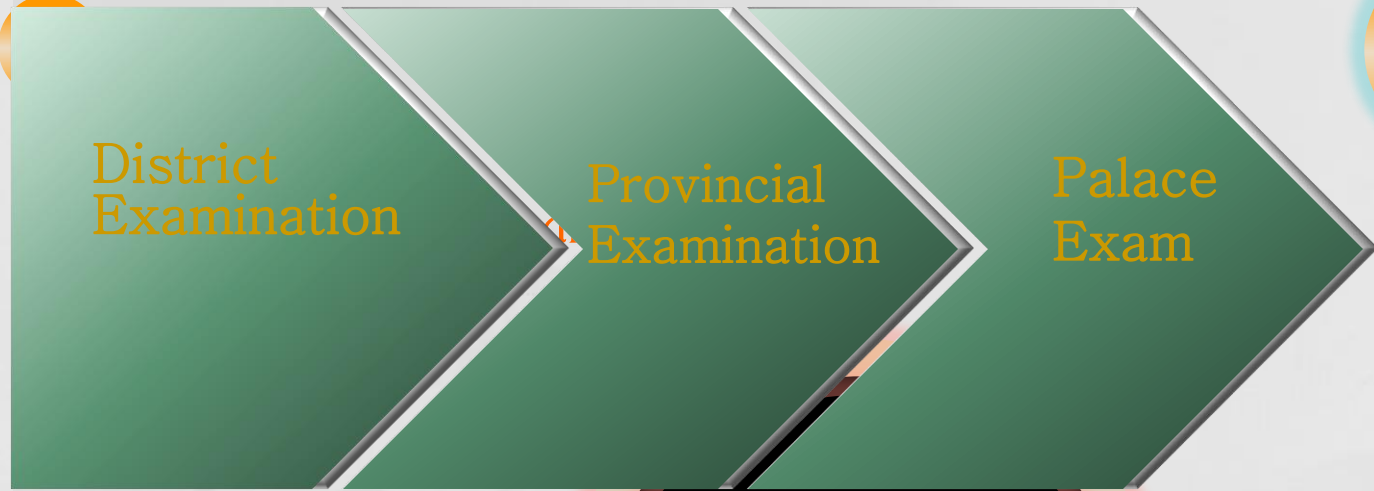


Assessment History





Chinese
civil service exam



Influence

- 1bc
- 19c

shibboleth

72 hours

Resemblance

- Cheating
- Pupil-teacher ratio
- Measurement
- problem



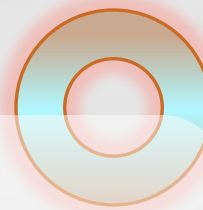


Oral examination – Bologna

Louvain – competitive examination

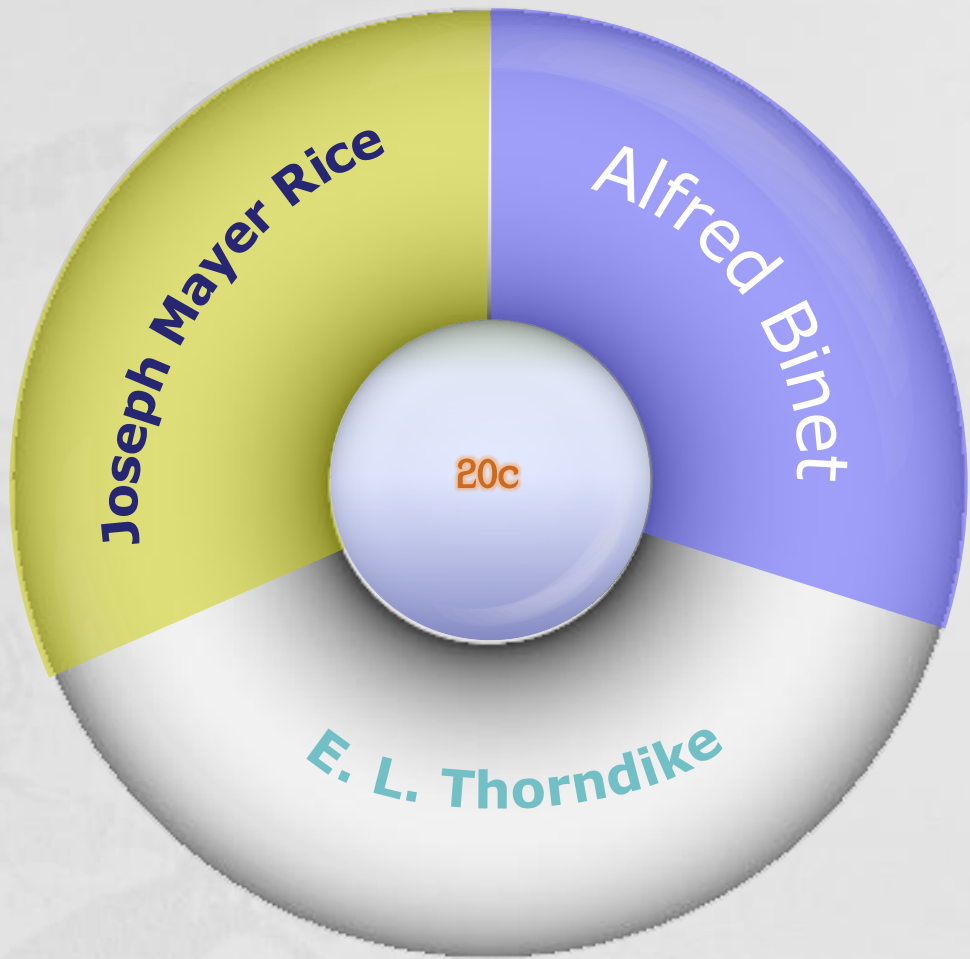
Jesuit order – written exam

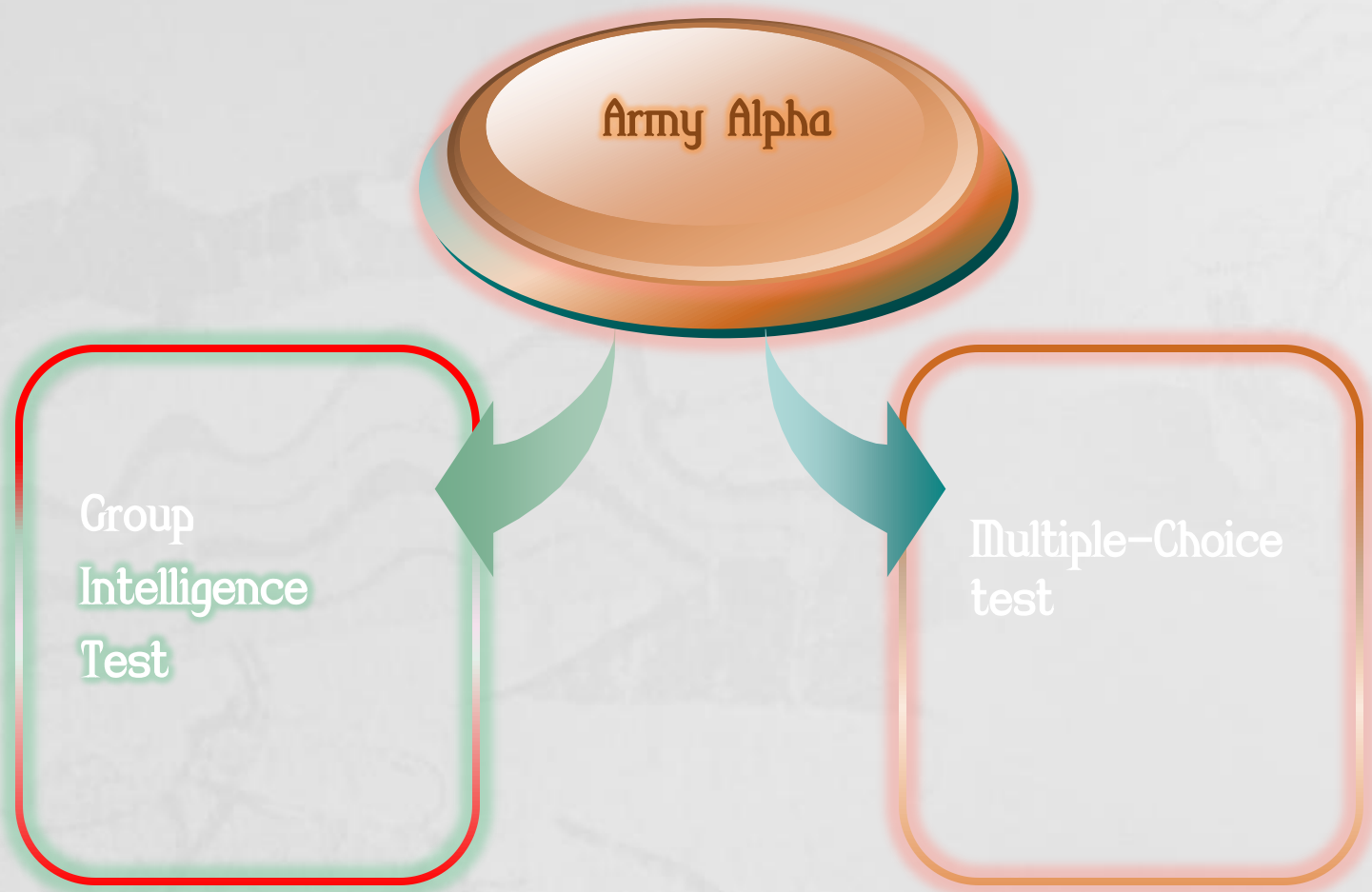
Ratio studiorum



University
Examination







The background of the slide features a faded, light-colored image of a large crowd of people. Many individuals in the crowd have their arms raised, suggesting a celebratory or enthusiastic atmosphere. The image is positioned in the lower right quadrant of the slide, partially overlapping the text.

Thank you.