1. Go to http://LCatalytics.com

2a. If you have instructor account: Log in, click "Student view"

2b. Otherwise: Create student account with signup code DEMO

3. Join session 1234567

## Confessions of a converted lecturer

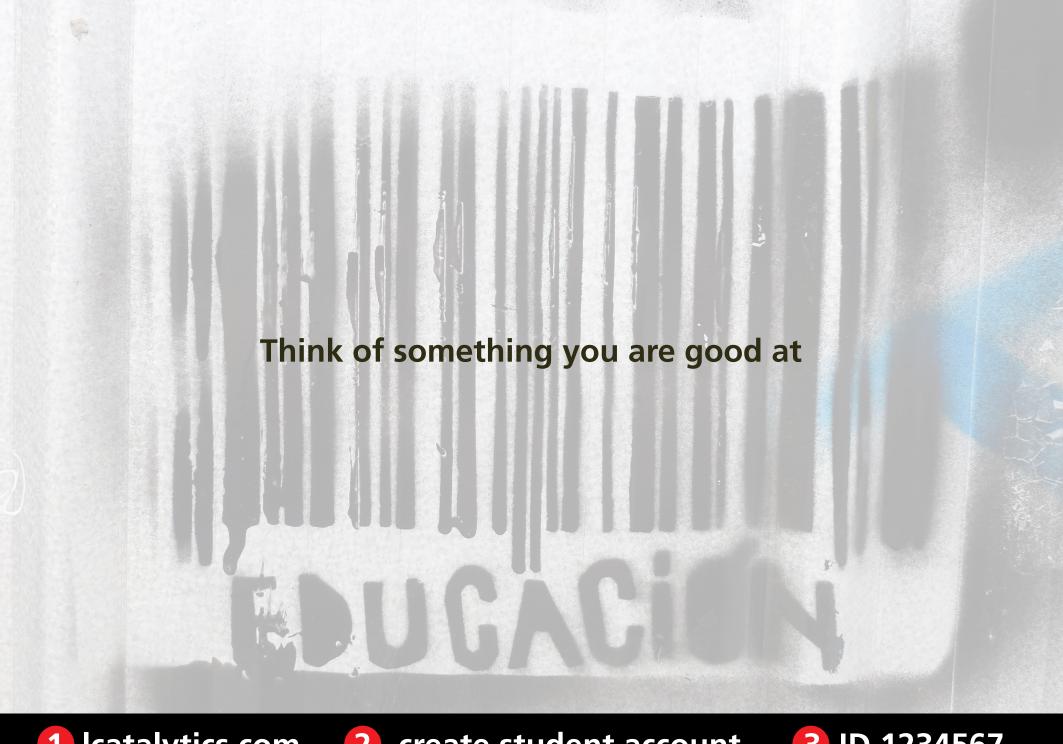


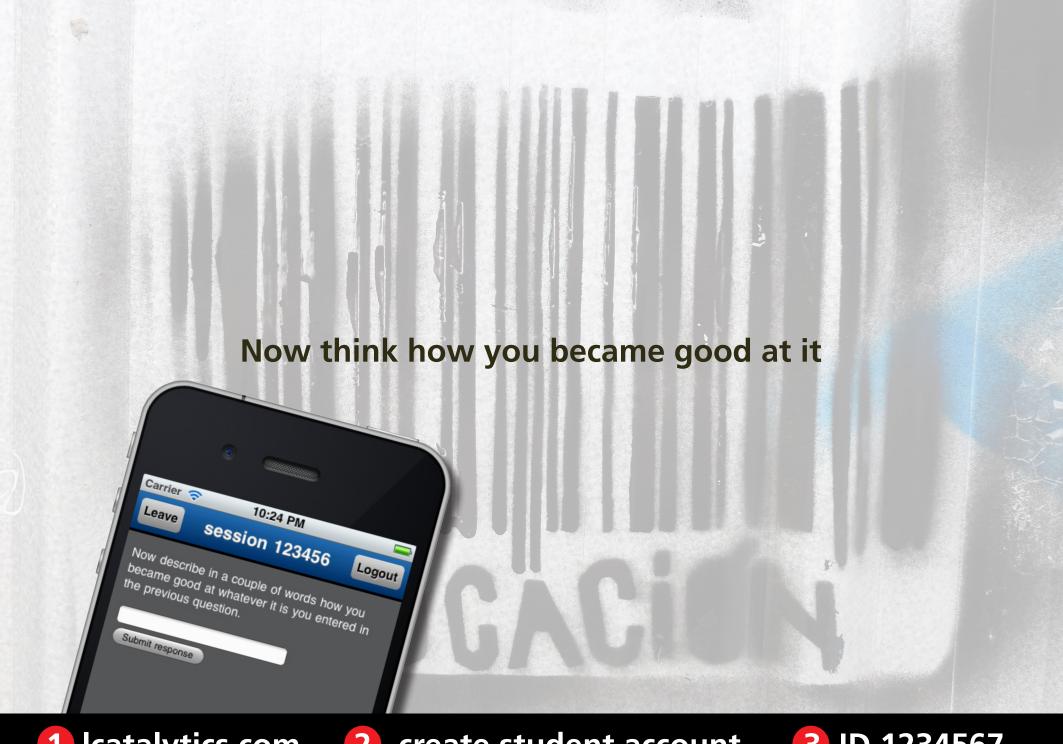


## **Confessions of a converted lecturer**





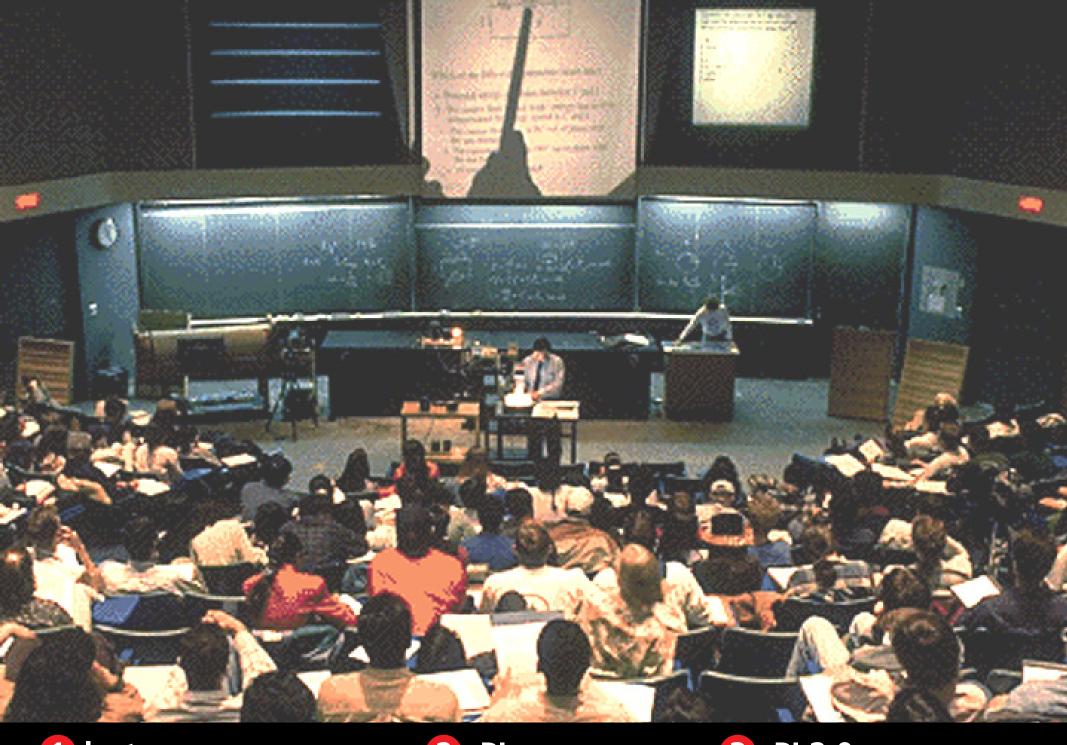












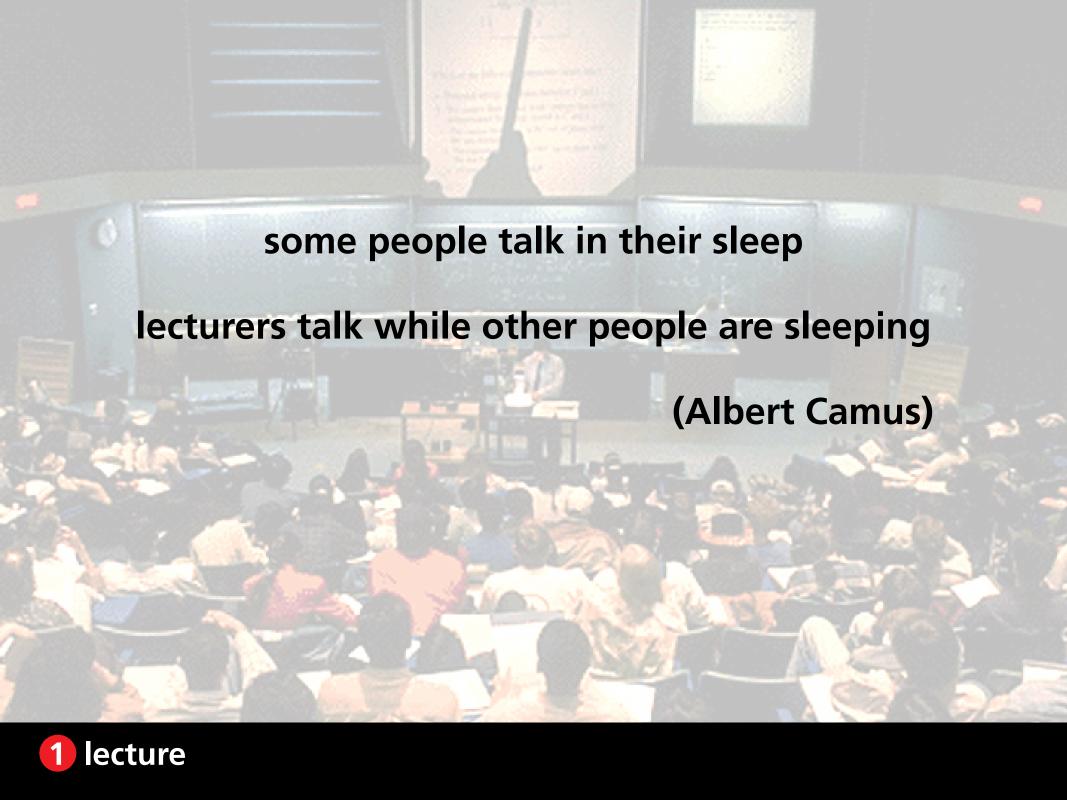
1 lecture 2 PI 3 PI 2.0



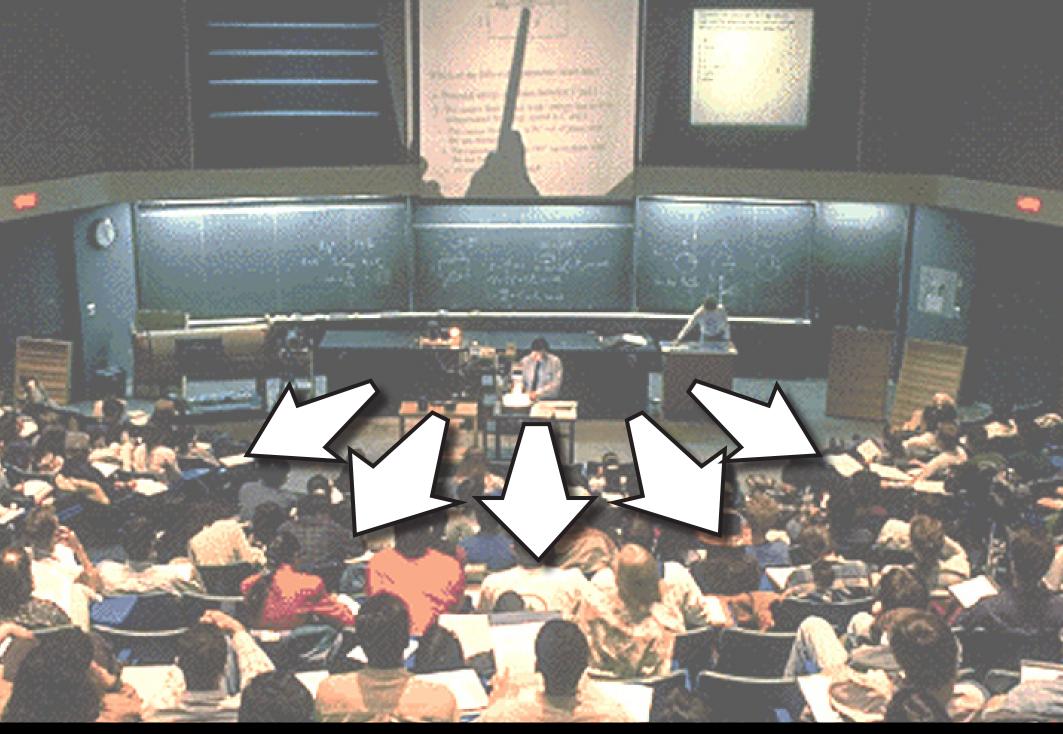


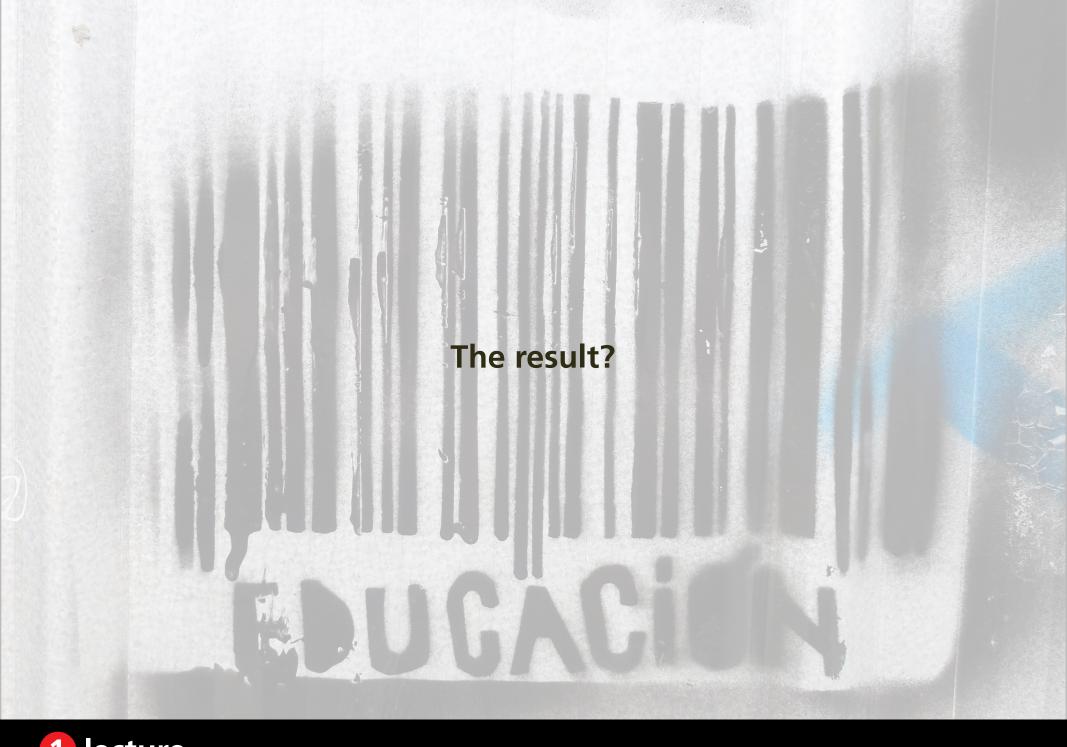








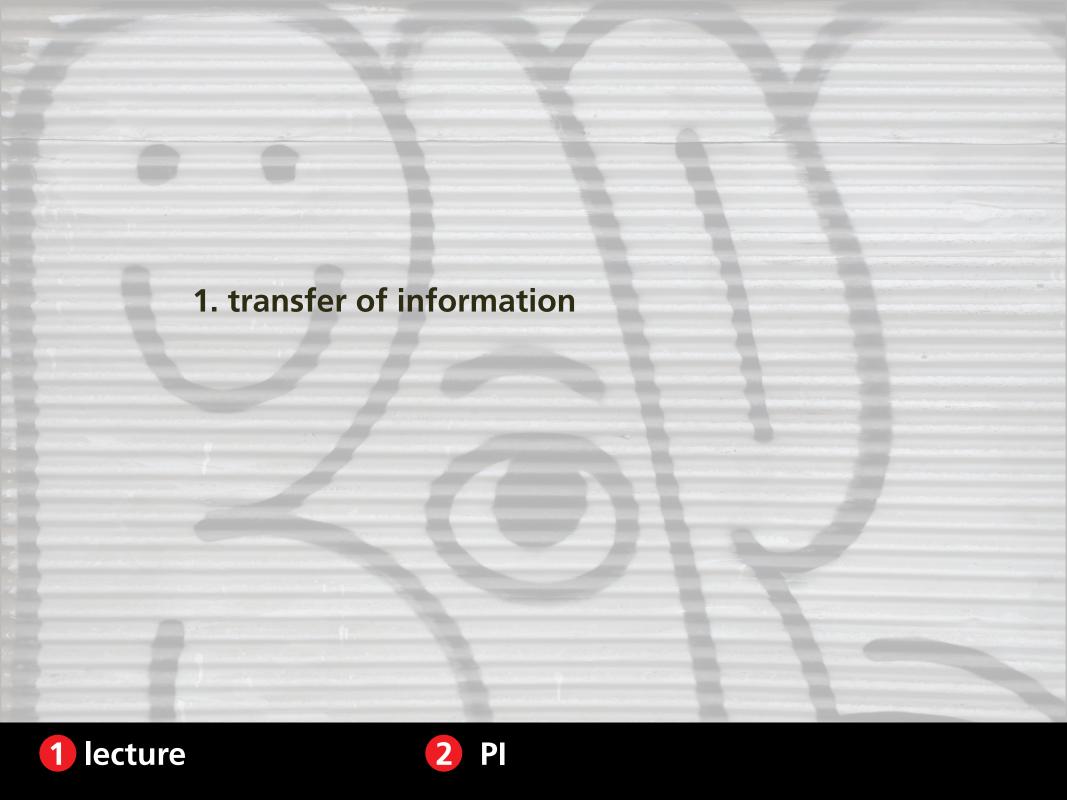












1. transfer of information

2. assimilation of that information

1. transfer of information (in class)

2. assimilation of that information

1. transfer of information (in class)

2. assimilation of that information (out of class)

Should focus on THIS!

1. transfer of information (i)

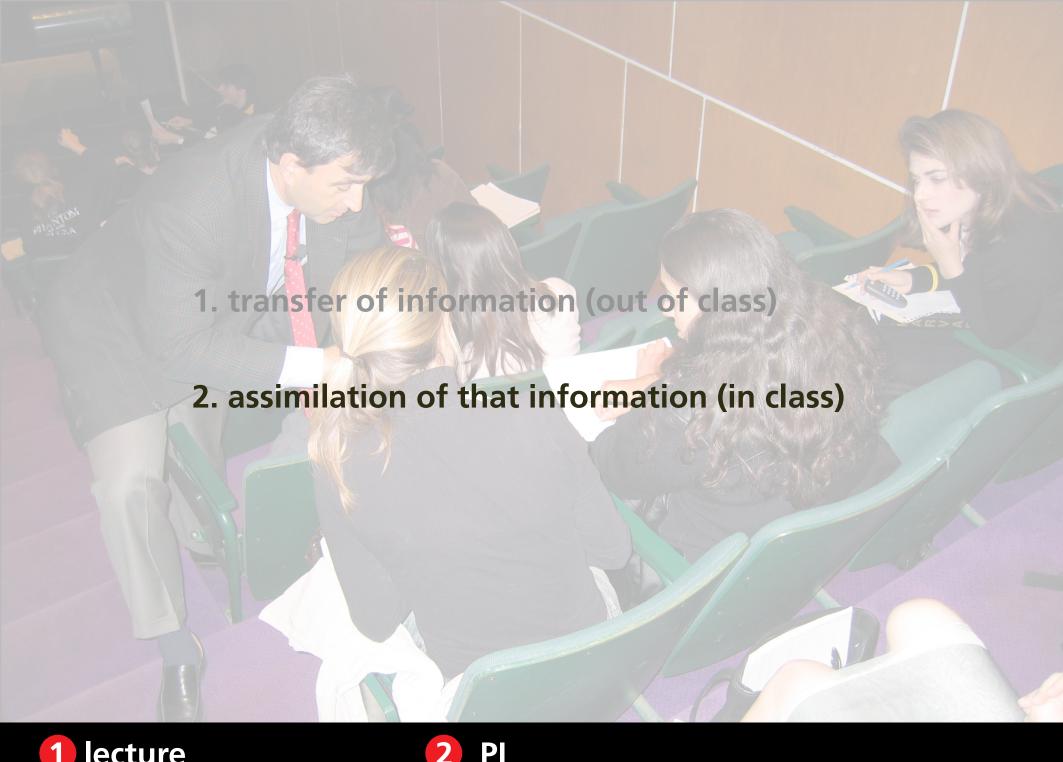
2. assimilation of that information (out of class)

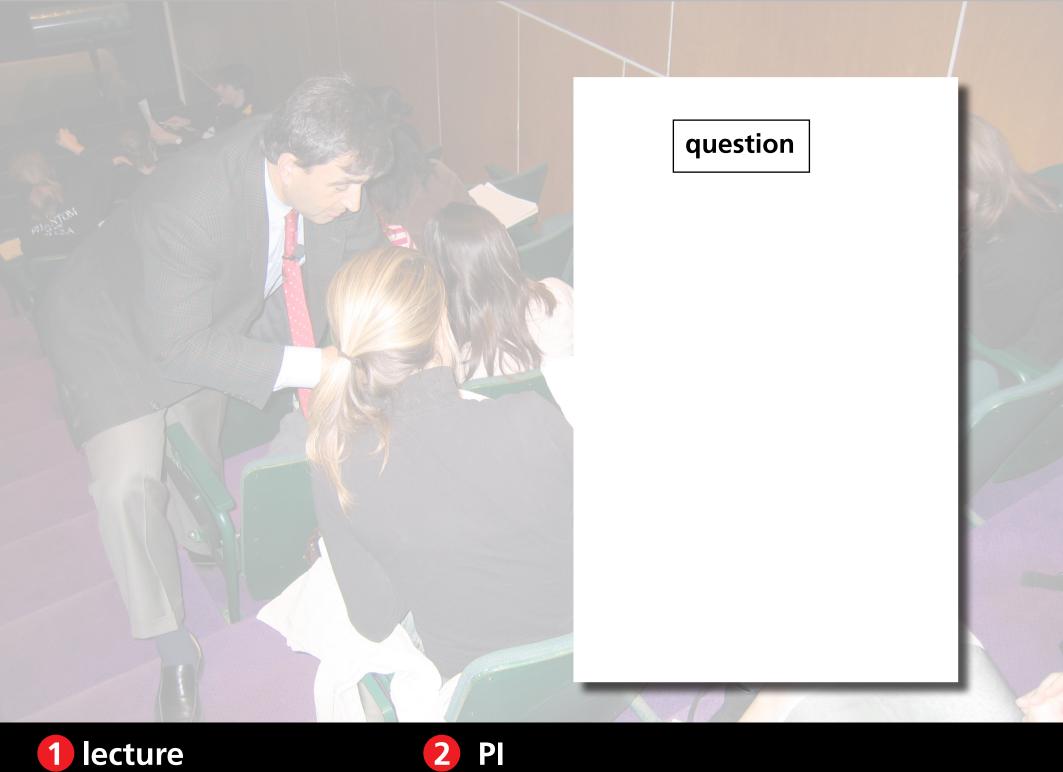
1. transfer of information (in class)

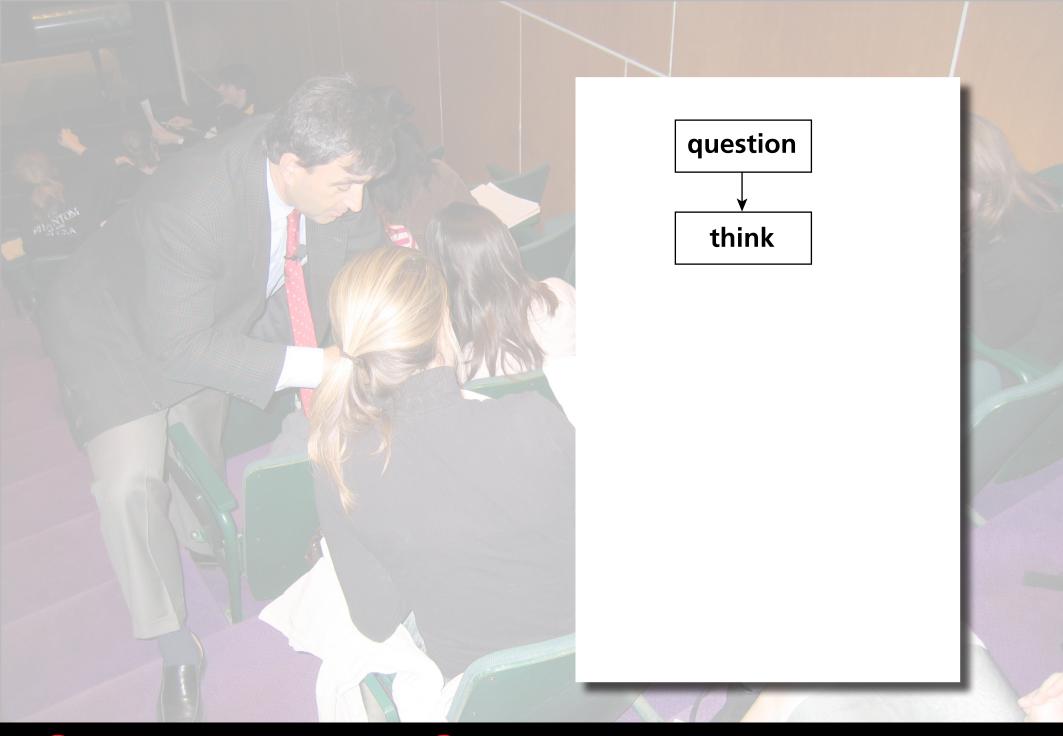
2. assimilation of that information (out of class)

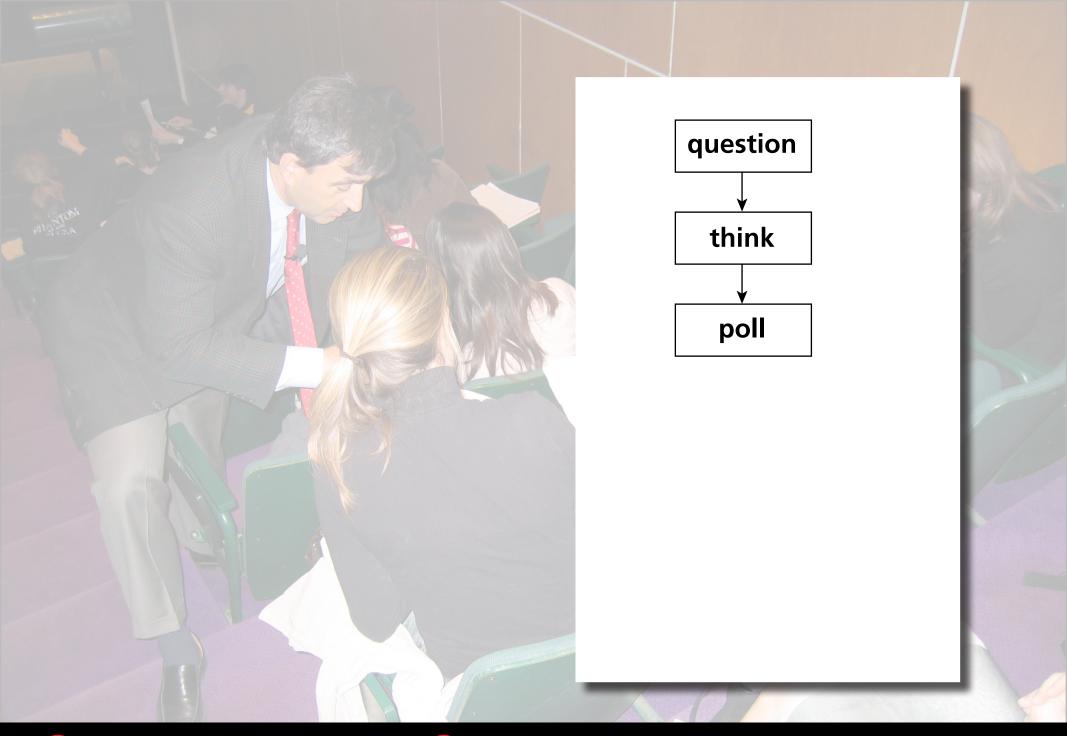
1. transfer of information (out of class)

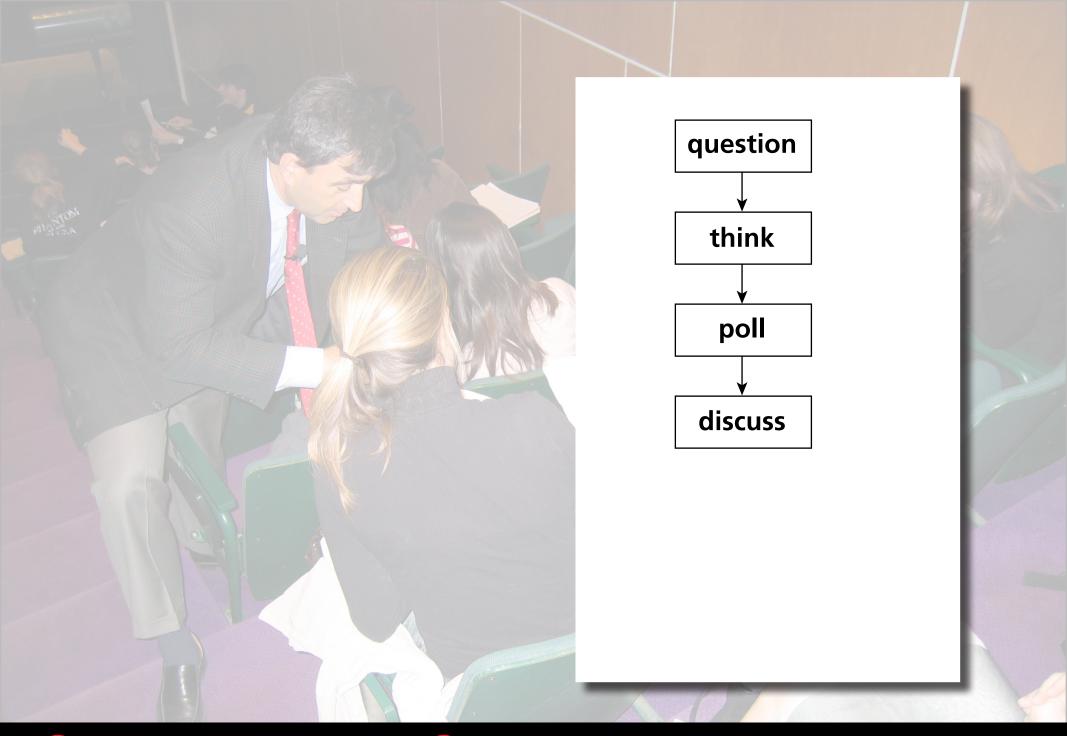
2. assimilation of that information (in class)

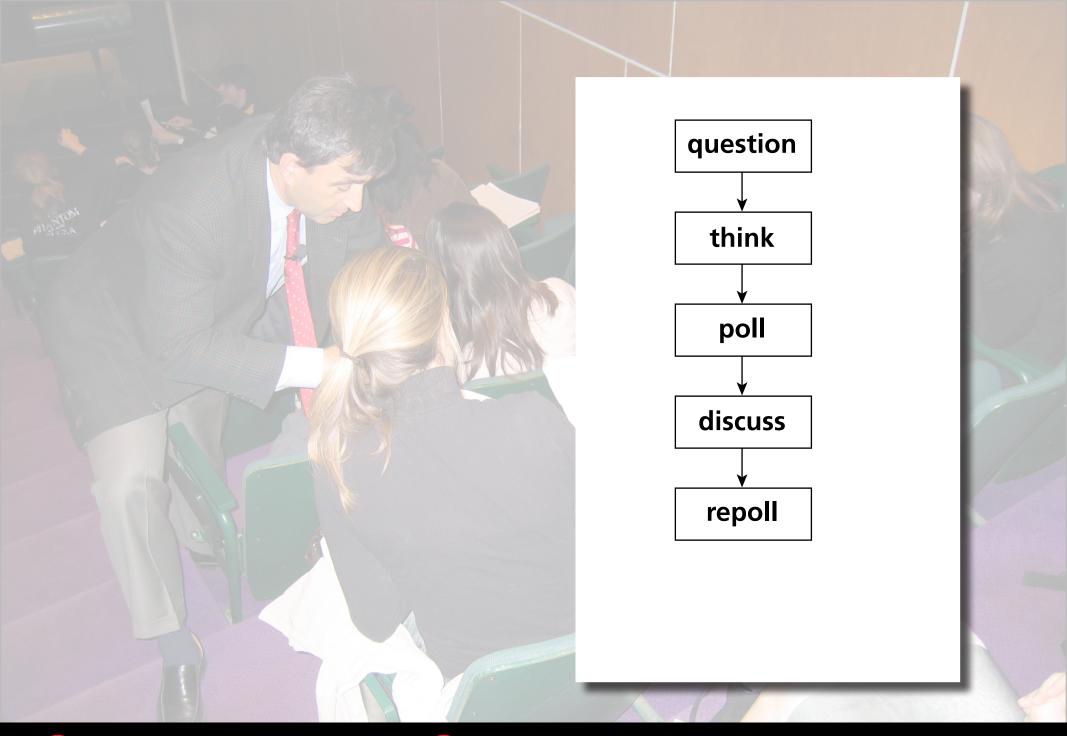


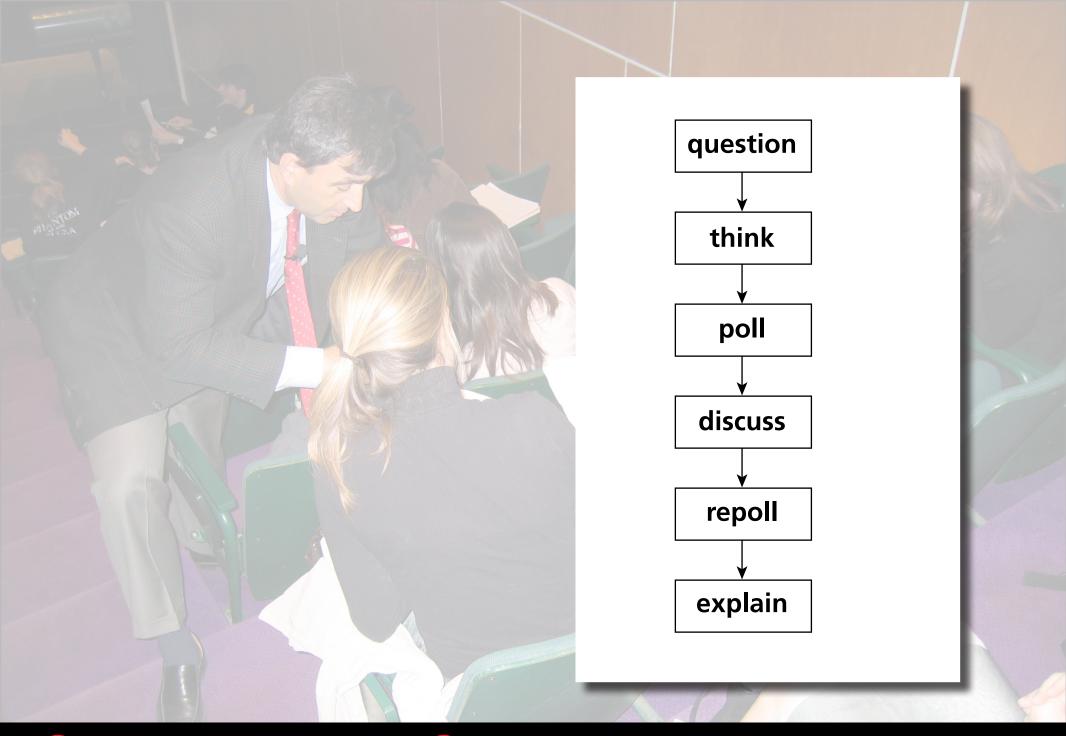


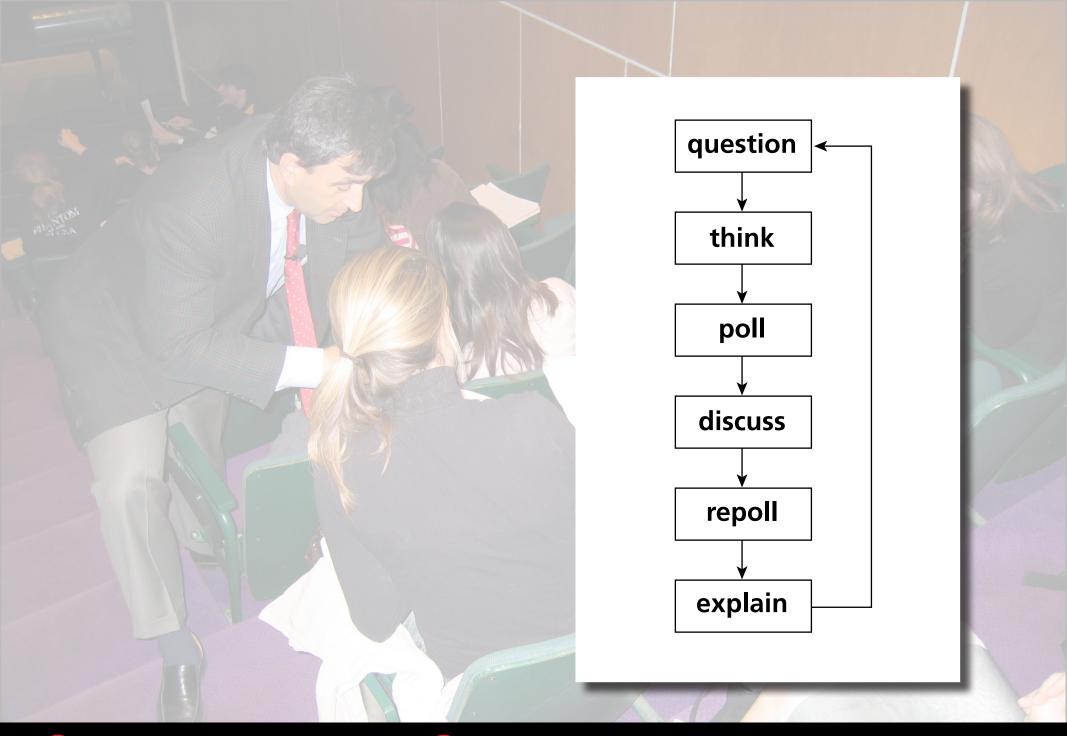


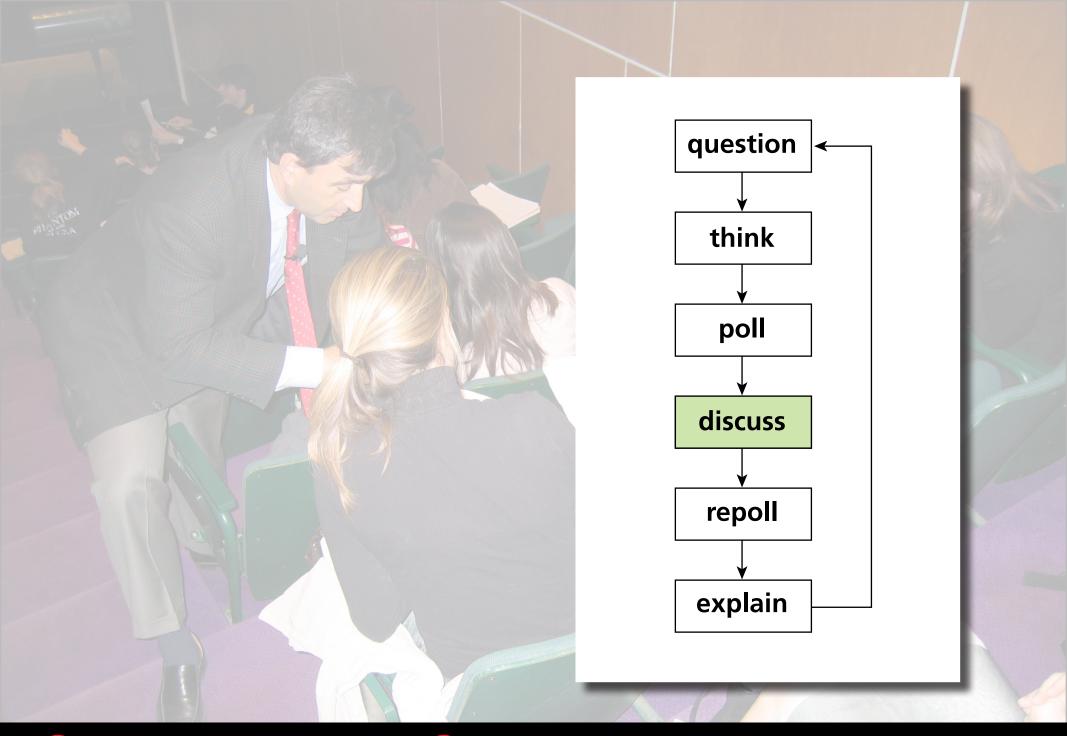






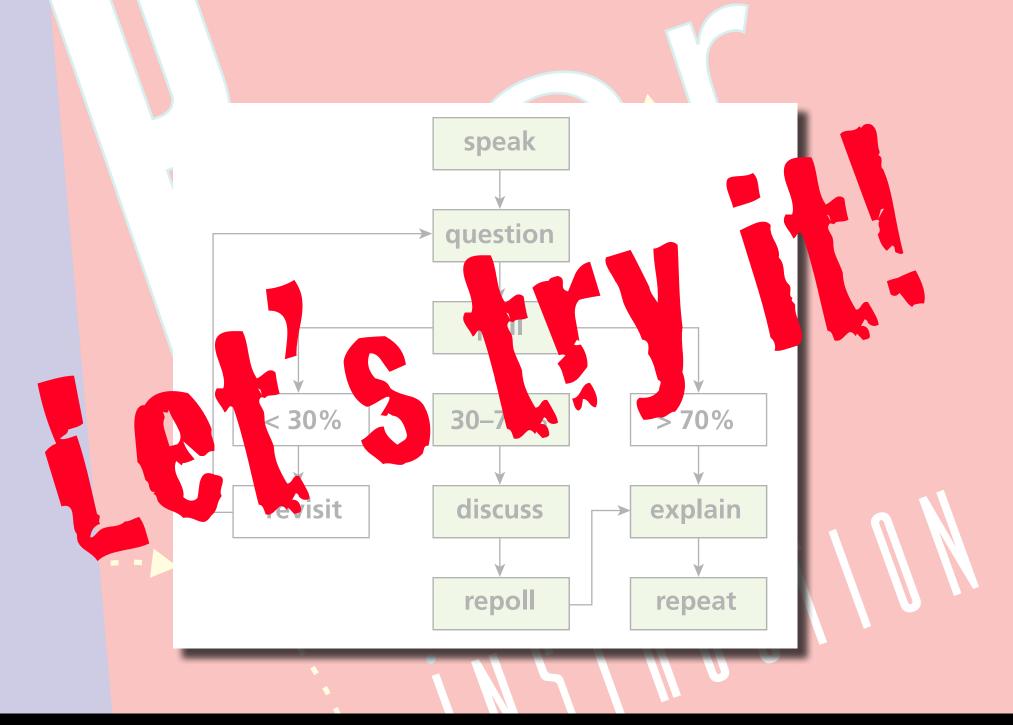


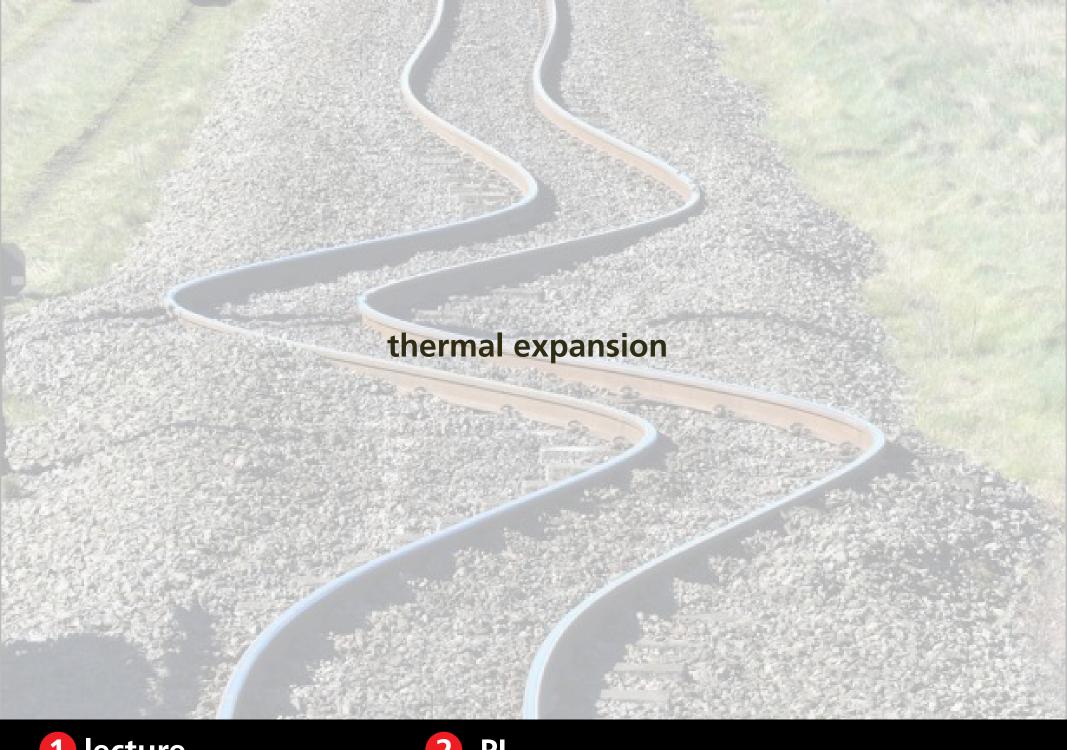


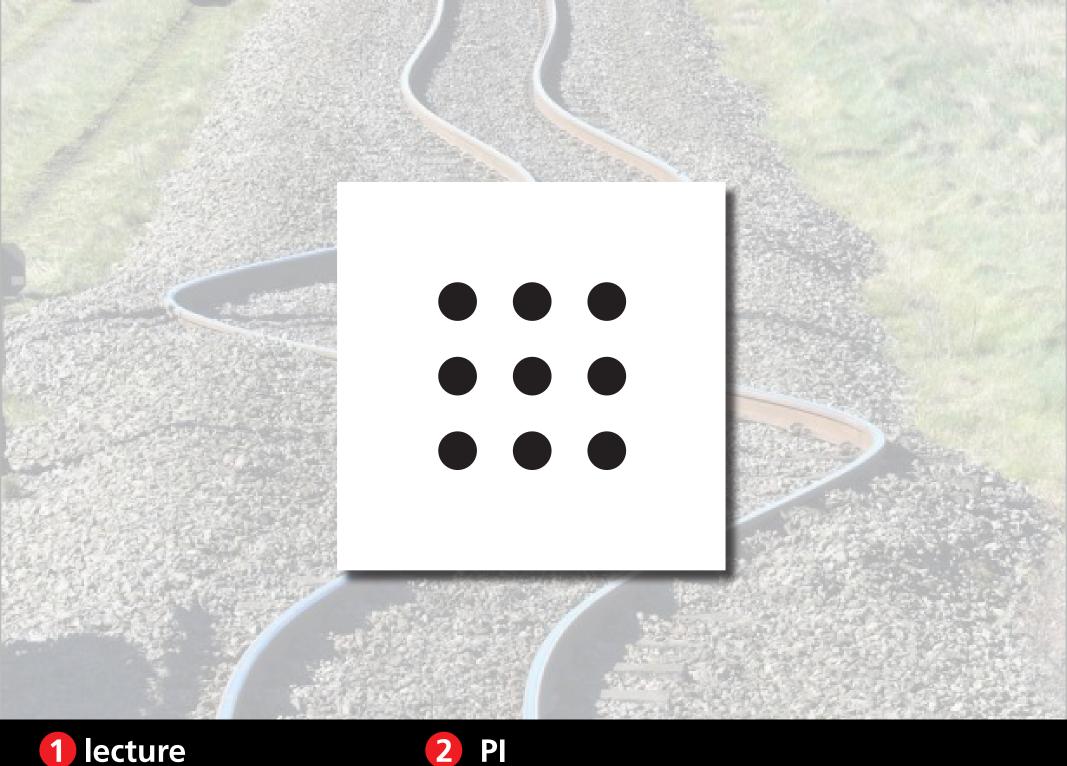


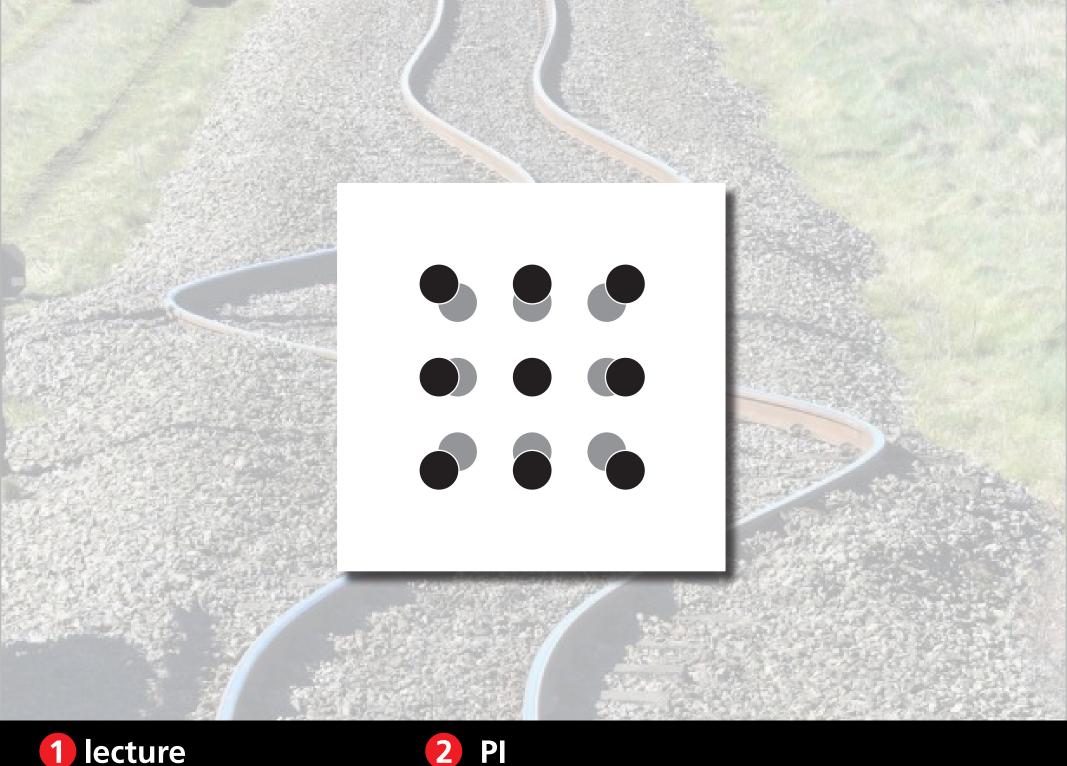




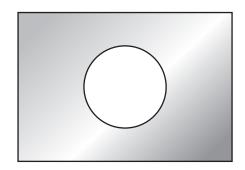




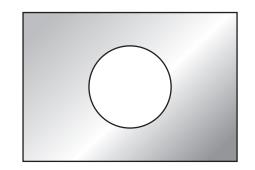








- 1. increases.
- 2. stays the same.
- 3. decreases.

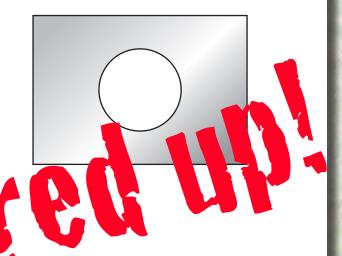


When the plate is uniformly heated, the diameter of the hold

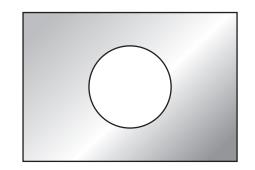


2 tay the same.

B. a. c.e. ses



- 1. increases.
- 2. stays the same.
- 3. decreases.



You...

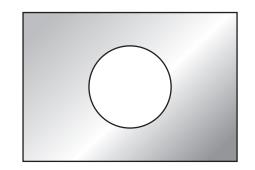
1. made a commitment

- 1. made a commitment
- 2. externalized your answer

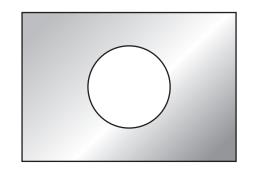
- 1. made a commitment
- 2. externalized your answer
- 3. moved from the answer/fact to reasoning

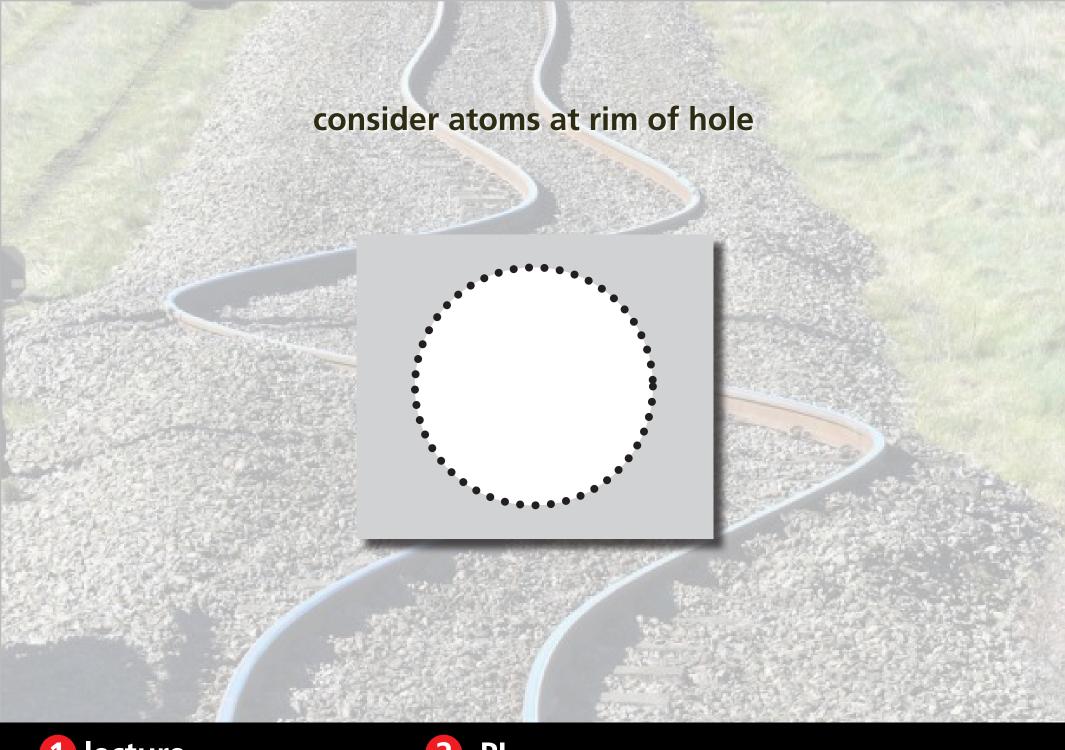
- 1. made a commitment
- 2. externalized your answer
- 3. moved from the answer/fact to reasoning
- 4. became emotionally invested in the learning process

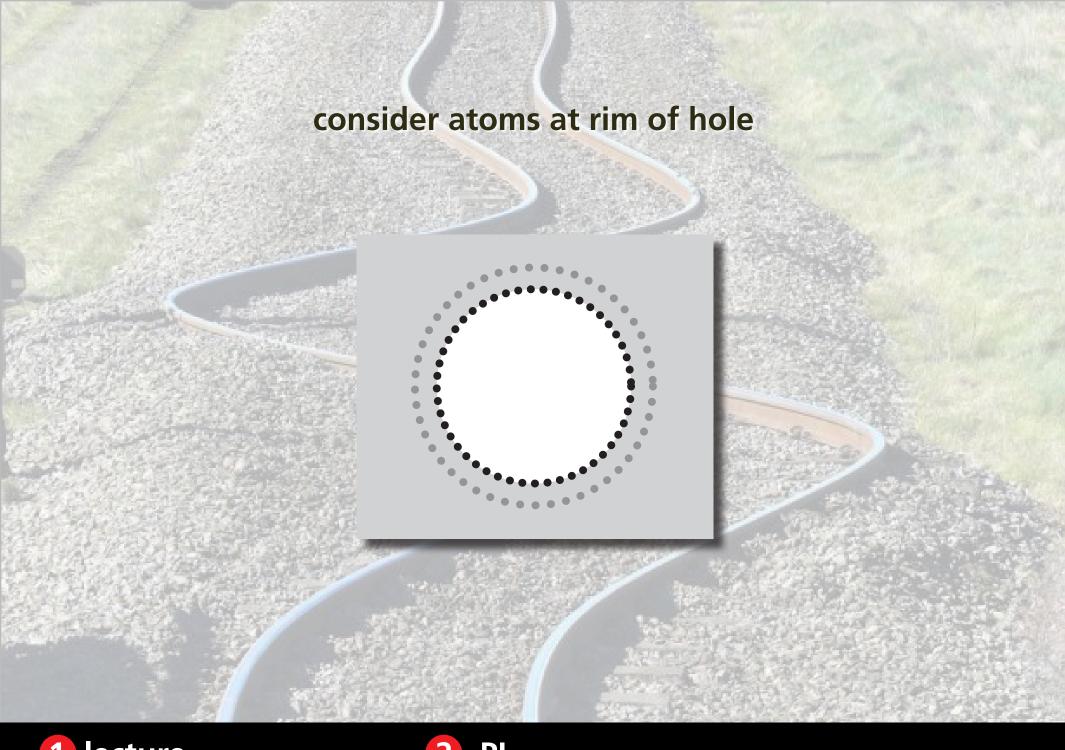
- 1. increases.
- 2. stays the same.
- 3. decreases.

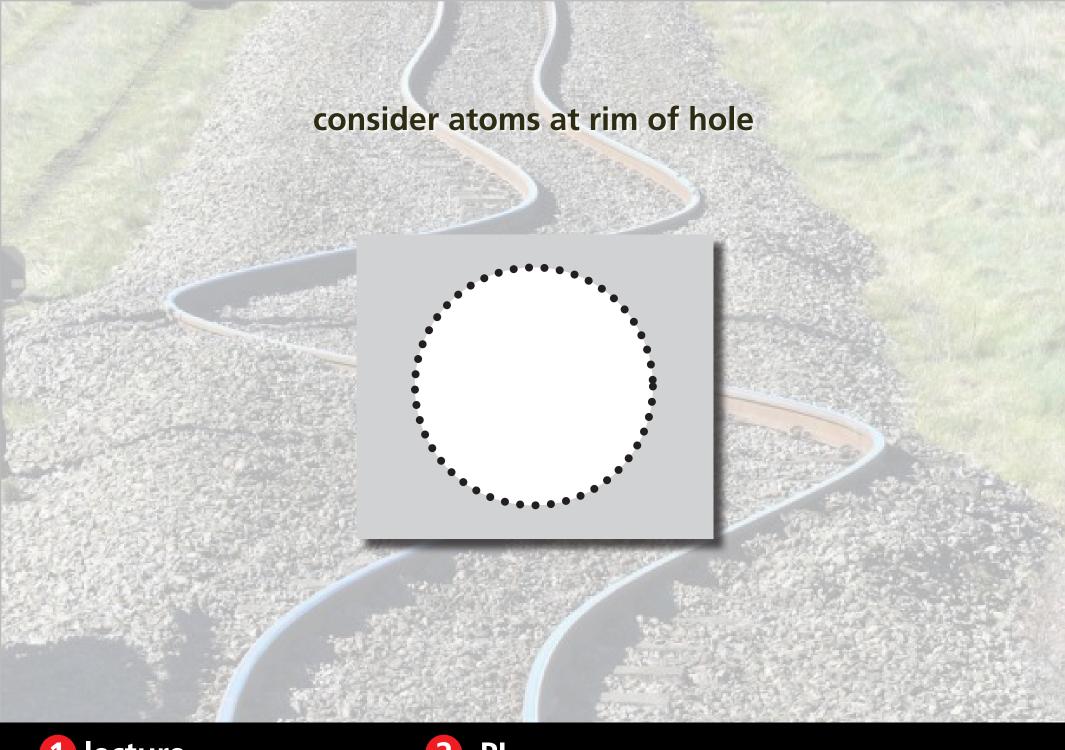


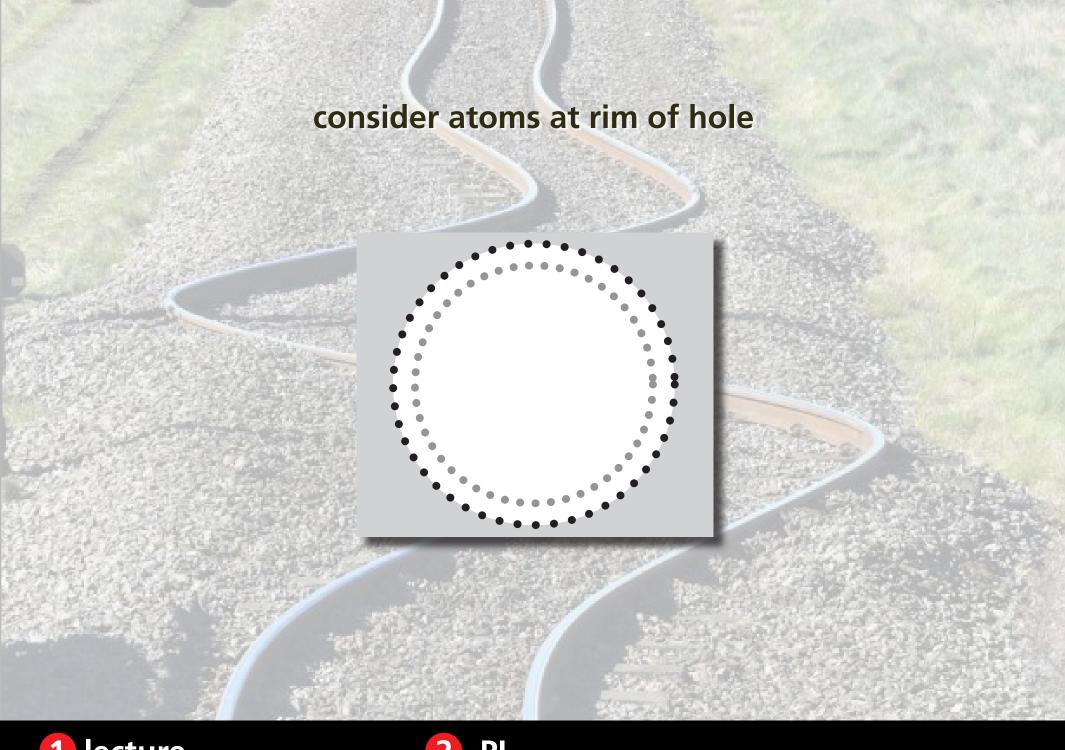
- 1. increases.
- 2. stays the same.
- 3. decreases.













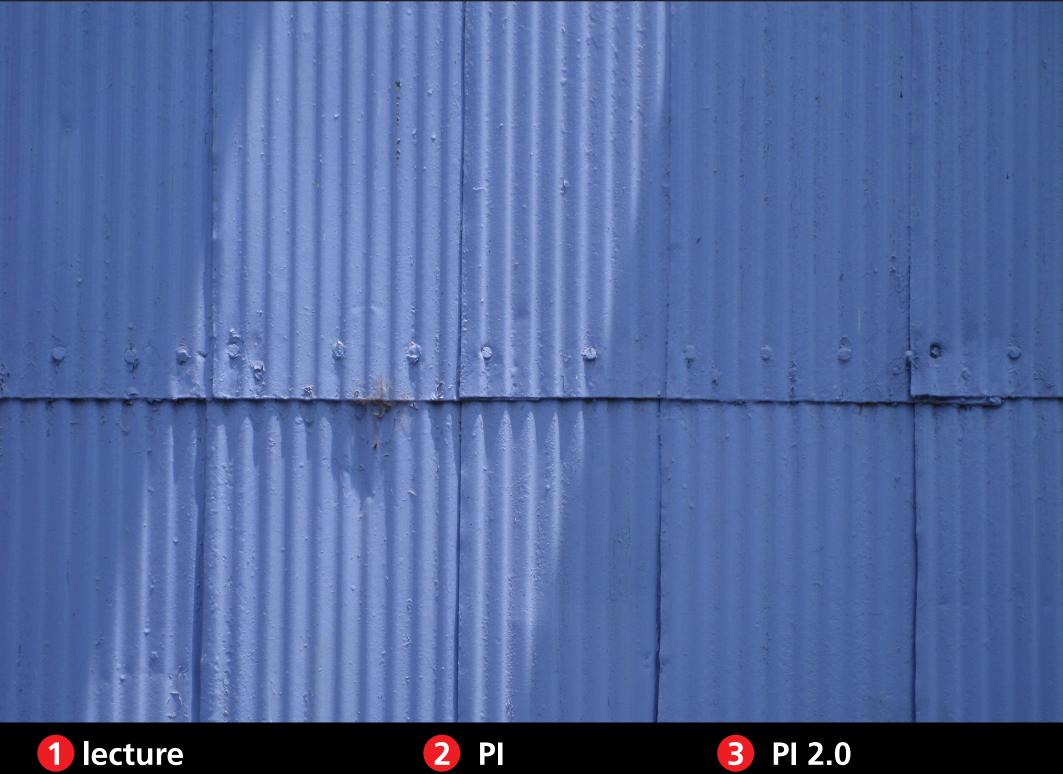


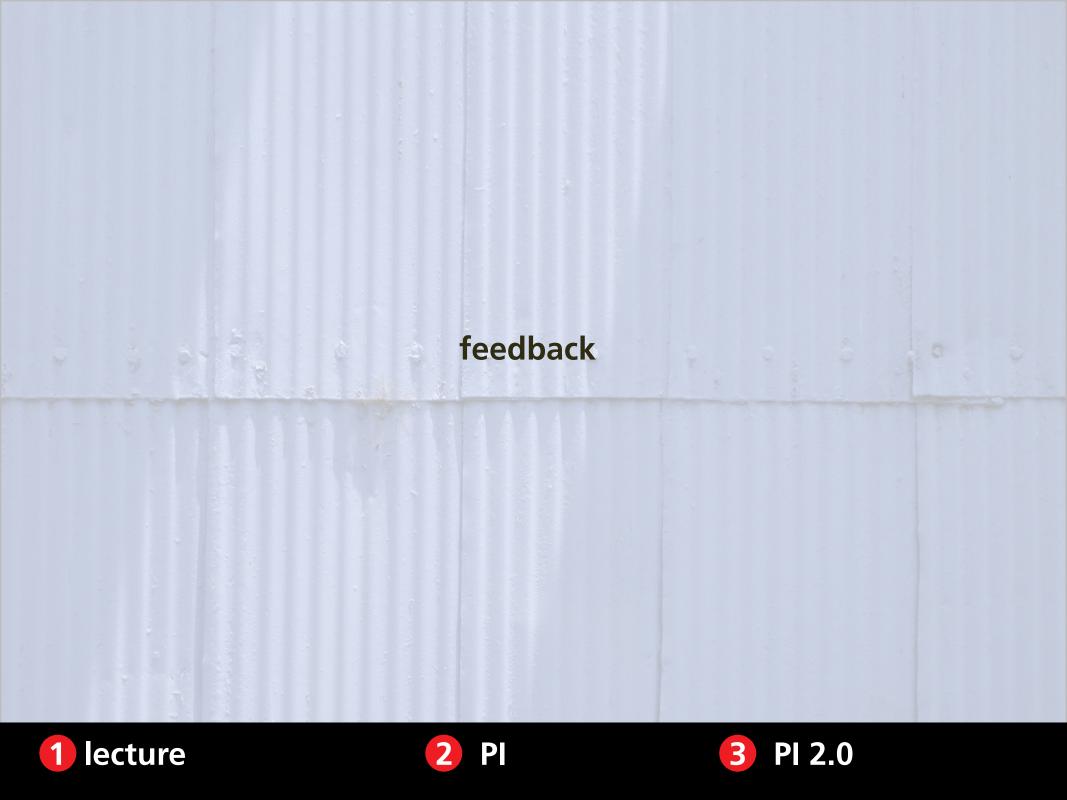




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## Peerlnstruction.net









1 lecture

2 PI

3

PI 2.0









Use intelligent algorithms and data analytics to...

improve questioning

manage discussions

facilitate time management/flow

catalytics

The biggest factor that leads American companies to manufacture usen promotes over a. b. C. Which of the following correctly summarizes the accounting equation for a sole proprietorship? India is: 2. a. In order to present a business plan to a group of potential investors, a businessperson would most likely use which b. C. 3. a. b. C. In order to start an online business, and individual would need all but which of the following: 4. a. b. C. , business model torreciation? 5. PI 2.0 PI lecture

```
The biggest factor that leads American companies to manufacture until produces over
    D.
              Wextensible plug-in's equity

Assets = Liabilities Assets + Owner's equity

Assets = Assets + Liabilities

Owner's equity = Assets - Liabilities

Revenue = Assets - Liabilities

Order to present a business plan to a group of potential investors, a business plan to a group of potential investors.
         India is:
2.
            D.
                      In order to present a business plan to a group of potential investors, a business
        3.
                              In order to start an online business, and individual would need all but which of the following.
                4.
                                            business model
                                                                                                                                reciation?
                                                                                                                                PI 2.0
                                                                                                                        3
                                                                               PI
           lecture
```

# The biggest factor that leads American companies to manufacture men products over India ic. Higher quality of craftsm

- Higher quadrosts

  Lower labor costs

  Lower direction
- Effective legal systematical expression

  of the long answer, shows

  A sets = Liabilities Which of the follows answer, short answer, word cloud would most likely use which
  - numerical, data collection
  - ranking, priority group of potential
  - In order to start an online business, and individual would need all but which of the following. region (select point on image)

business model

India is:

eciation?

The biggest factor that leads American companies to manufacture men produces over India is: mathematical expression

ong answer, short

Liabilities accounting equation for a sole proprietorship? Higher quality of craftsma India is: Lower direction

Decrease direction long answer, short answer, word cloud would most likely use which Tanking, priority group of potential investors, a business plant to region a kusiness plant to re • region (select point on image) In order to start an online business, and individual would need all but which of the following. 4. business model reciation? PI 2.0 lecture



1 lcatalytics.com

2 create student account

**3** ID 1234567

Courses Participate Review Classrooms Account Institutions Purchases Users Tour Help

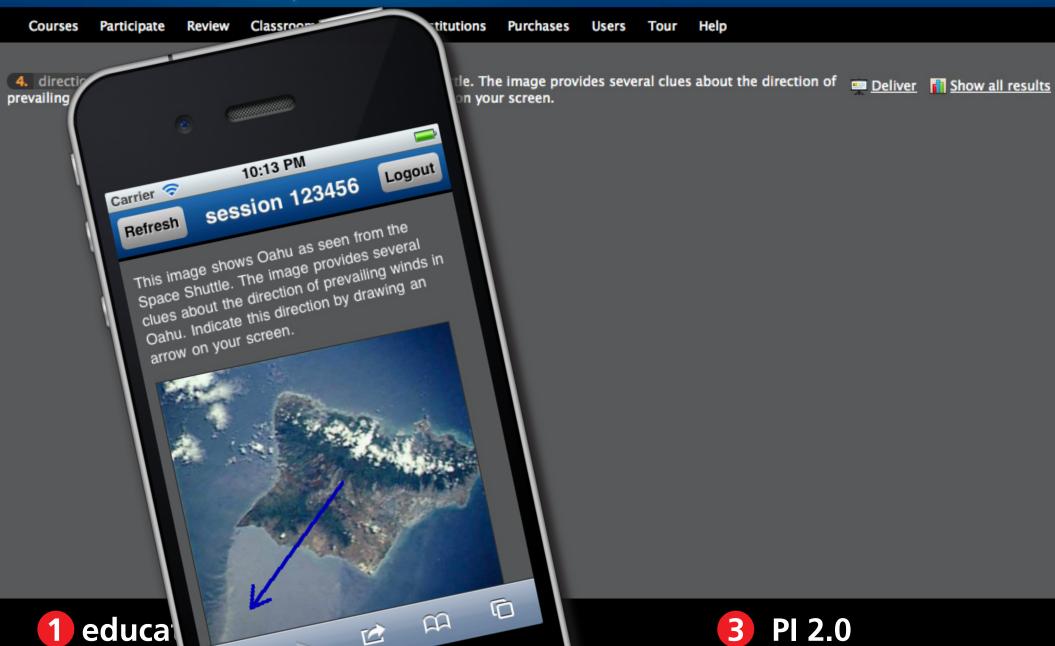
4. direction This image shows Oahu as seen from the Space Shuttle. The image provides several clues about the direction of Deliver Show all results prevailing winds in Oahu. Indicate this direction by drawing an arrow on your screen.







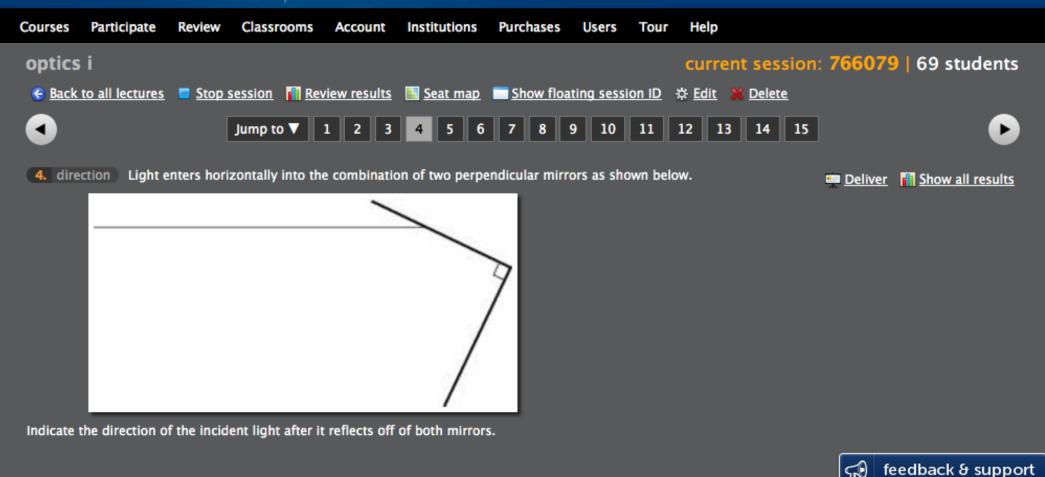
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Eric Mazur | Harvard University | Log out

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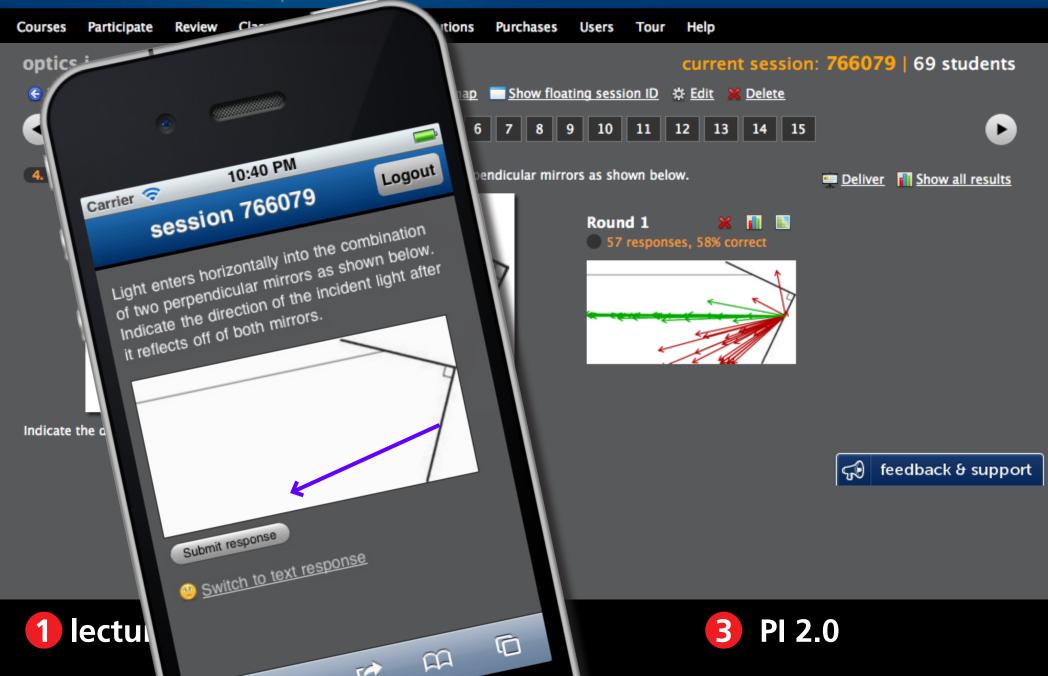


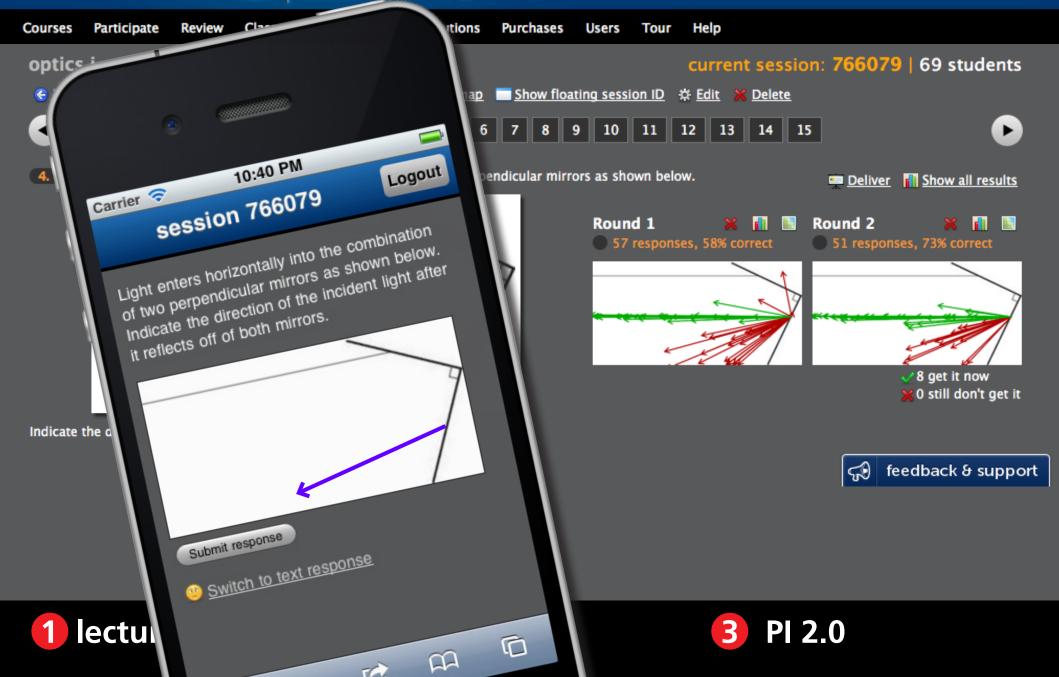


TA









The biggest factor that leads American companies to manufacture men produces over India is: Effection

Effective legal systematical expression

of the long answer, shows

Assets - Liabilities Higher quality of craftsma India is: Decrease of rection costs

Effective legal system Lower labor costs long answer, short answer, word cloud would most likely use which humericalet data collections • regiona rusiness plant • region (select point on image) In order to start an online business, and individual would need all but which of the following. 4. business model reciation? PI 2.0 lecture

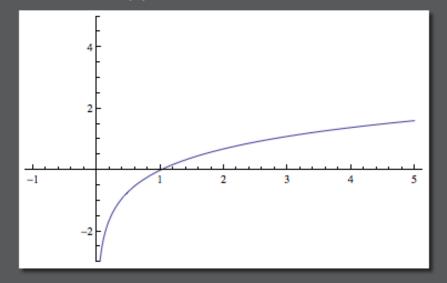
If 2x - y = 4, then x =

The biggest factor that leads American companies to manufacture men produces over India is: mathematical expression

ong answer, short Higher quality of craftsma India is: Decrease legal system Lower labor costs Effective legal si long answer, short answer, word cloud would most likely use which humericalet data collections Tanking, priority group of potential investors, a business planting region • region (select point on image) In order to start an online business, and individual would need all but which of the following. 4. business model reciation? PI 2.0 lecture

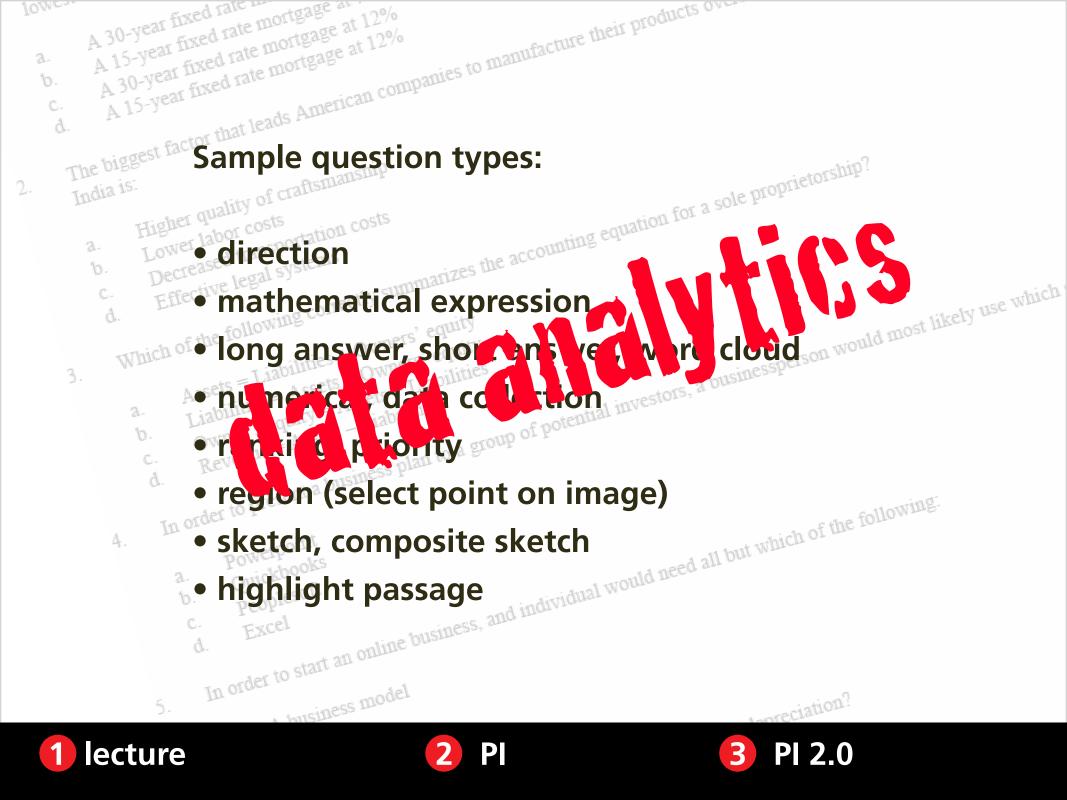
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This is a graph of  $f(x) = \ln x$ . Sketch a graph of the derivative f'(x).











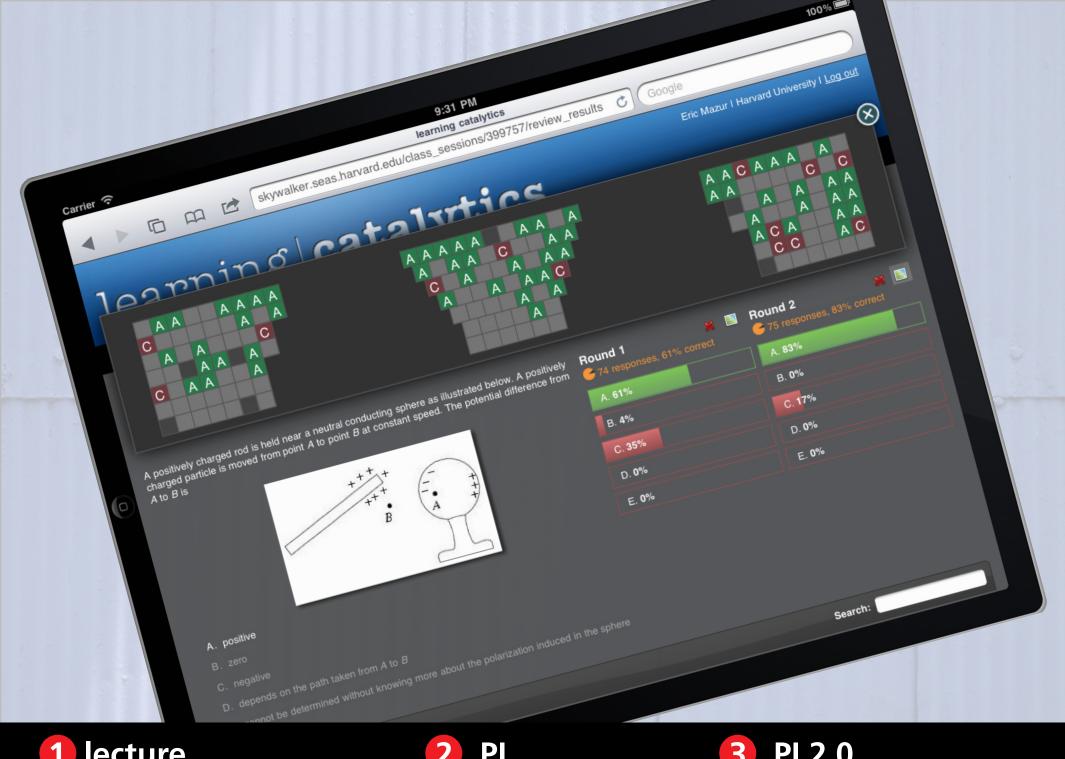












PI

PI 2.0 3

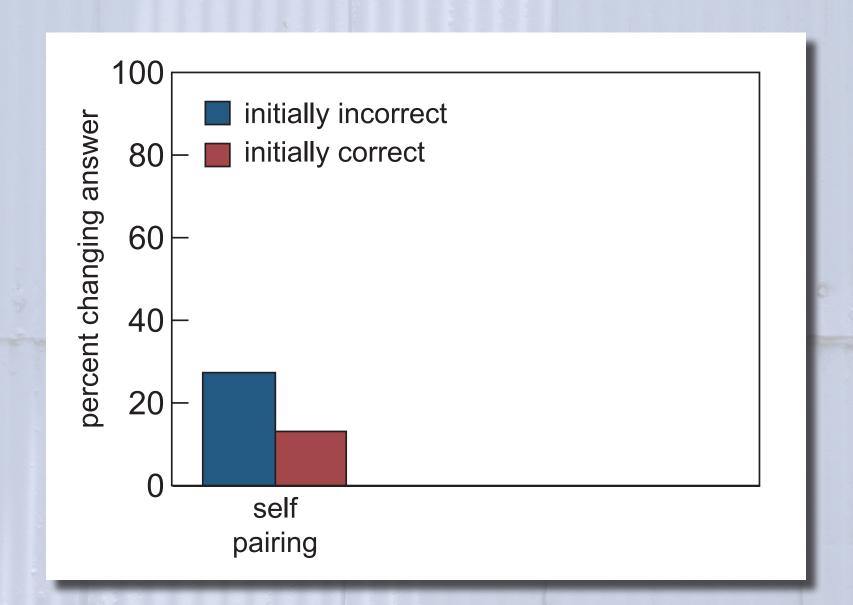
let system manage pairing 1 lecture PI 2.0

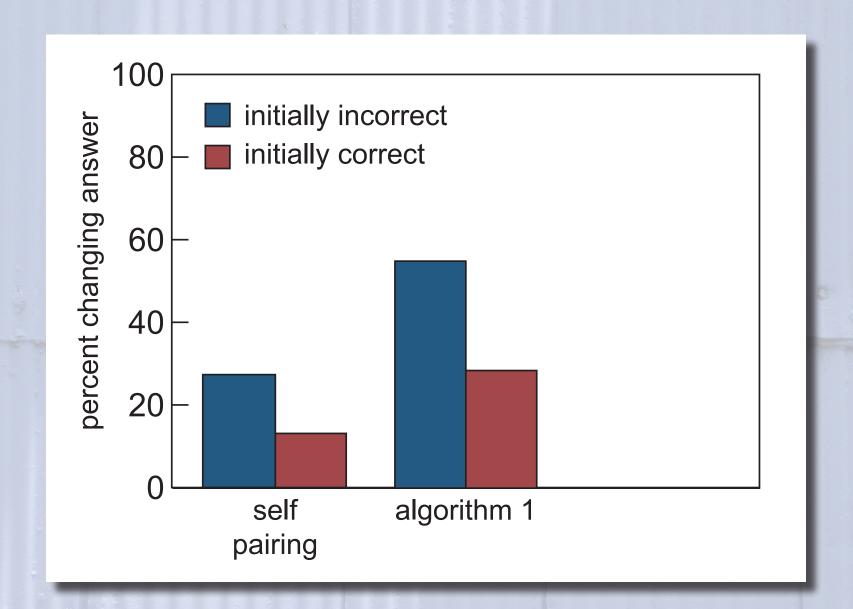


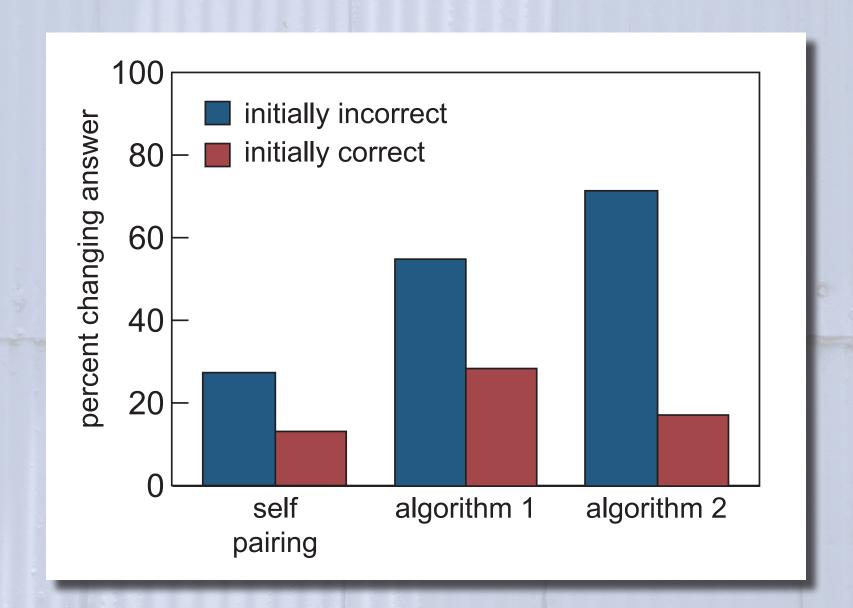
PI

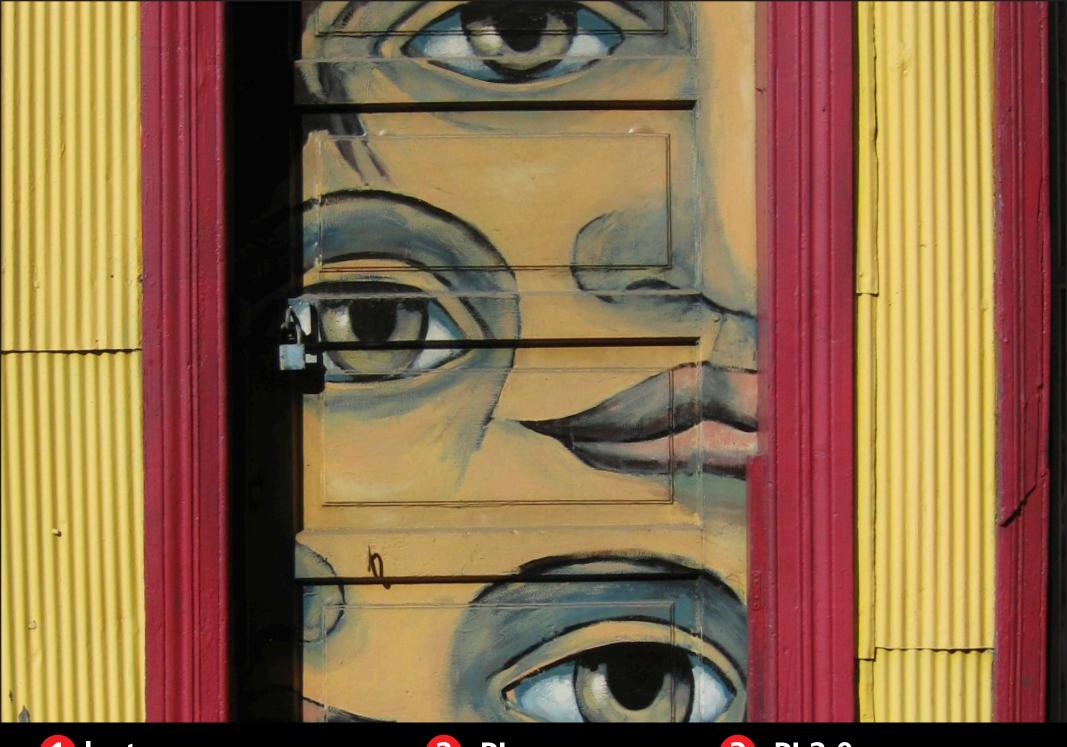












2 PI

3

PI 2.0

**Education** is not just about:

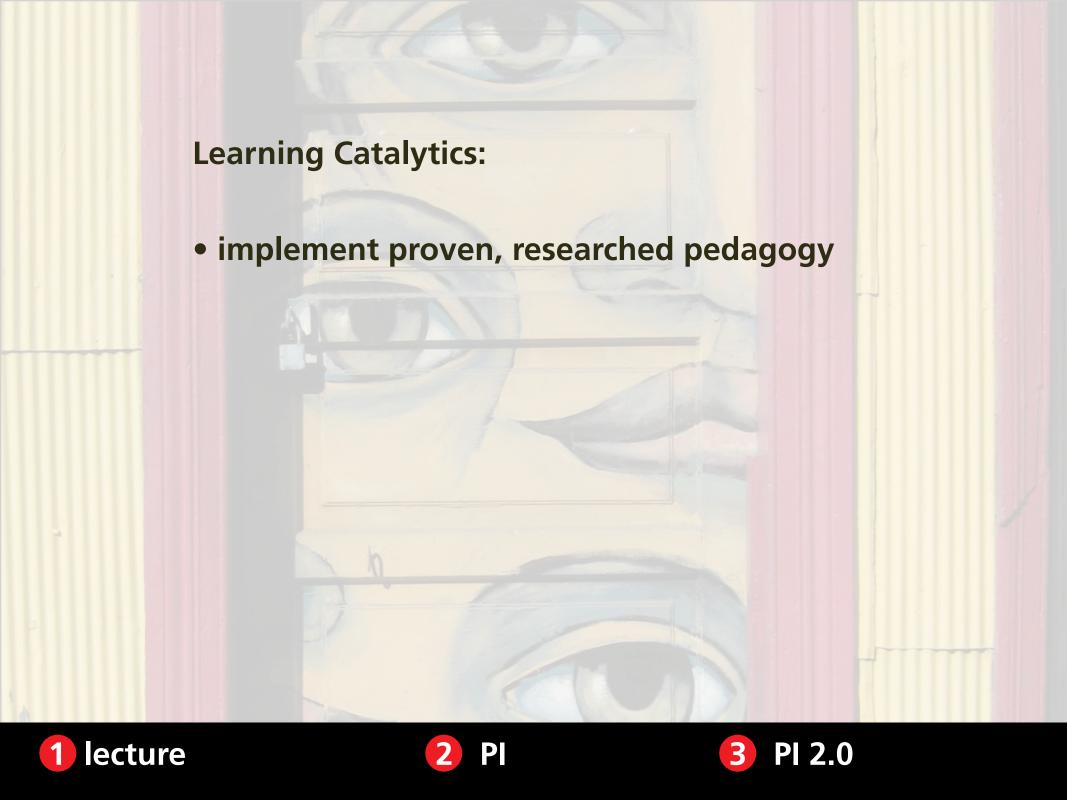
- transferring information
- getting students to do what we do

**Education is not just about:** 

transferring information

getting students to do what we do

discovery & exploration a must!



## **Learning Catalytics:**

- implement proven, researched pedagogy
- use consumer devices

**Learning Catalytics:** 

implement proven, researched pedagogy

use consumer devices

avoid pitfalls of MC assessment

**Learning Catalytics:** 

implement proven, researched pedagogy

use consumer devices

avoid pitfalls of MC assessment

• create a smart classroom anywhere



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