

## Section 2.2: Cont'd

Wednesday, October 22, 2014  
8:33 AM

example: write an operation or sequence of operations to list the course, instructor and phone number for all Math 185' sections

perfectly acceptable answer #1:

$$\pi_{\text{course, instructor, phone}} \left( \sigma_{\text{course} = \text{"math 185"}} (\text{CLASSES} \bowtie \text{FACULTY}) \right)$$

perfectly acceptable answer #2:

$$\pi_{\text{course, instructor, phone}} \left( \left( \sigma_{\text{course} = \text{"math 185"}} (\text{CLASSES}) \right) \bowtie \text{FACULTY} \right)$$

and for this particular example, you can also get away with

$$\sigma_{\text{course} = \text{"math 185"}} \left( \pi_{\text{course, instructor, phone}} (\text{CLASSES} \bowtie \text{FACULTY}) \right)$$