

## Lecture 24 Sample Problems

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### Problem 24.1

Consider the following problem:

- The input triangle  $U$  has corners at  $(0,0)$ ,  $(0,1)$ , and  $(1,1)$ .
- The output triangle  $X$  has corresponding corners at  $(2,4)$ ,  $(3,2)$ , and  $(4,4)$ .

What is the input point corresponding to the output point at  $(3,3)$ ?