Domain and Range of a Composition of Functions

- O Find Domain of the input/inside function.
- 3) Find Domain of the new function after performing the composition.

$$t(x) = 7$$

$$f(x) = \frac{1}{x}$$

$$f(x) = \frac{1}{(x+2)(x-3)}$$

Domain have to be x \$0

$$9(\frac{1}{x}) = \frac{1}{(\frac{1}{x})^{+2}(\frac{1}{x})^{-3}}$$

Domain have to be

$$g(x) = \frac{1}{(x+2)(x-3)}$$

$$(+2)(+2)(+3)$$

$$(\frac{x}{7} + 3)(\frac{x}{7} - 3)$$

