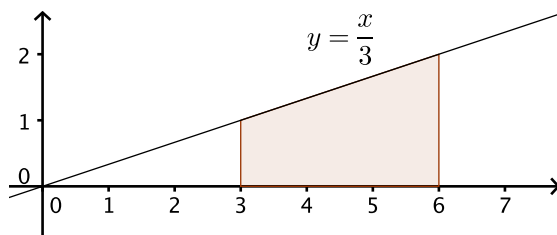
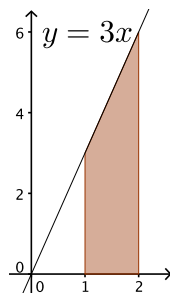


Bound to be Equal

1. The following areas are equal. Prove this by first setting up integrals representing each area, and then using a u -substitution to convert one into the other.



2. There are three integrals below. Which two are equal (if any)? [Note: you do *not* have to compute the area in order to answer the question, but you can if you like]

