

# Homework: Inverse Functions

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## Finding an inverse of a function

### Shortcut

1. swap  $x$  and  $y$
  2. solve for  $y$
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Find the inverse of each function. Then graph two.

1.  $f(x) = x + 3$
2.  $f(x) = -x + 2$
3.  $f(x) = 3x + 4$
4.  $f(x) = x^2 + 2$
5.  $f(x) = -x^2 + 3$