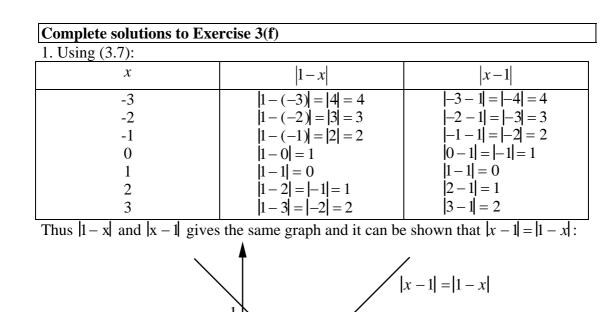
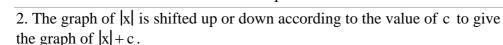
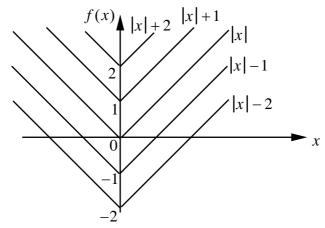
x





1



3. The graph of |x - 3| + 1 has the same shape as the graph of |x| but it has been translated to the right by 3 units, |x - 3|, and shifted up by 1 unit, |x - 3| + 1. Where does the graph cross the vertical axis?

At x = 0. Substituting x = 0 into |x - 3| + 1 gives:

|0-3|+1 = |-3|+1 = 3+1 = 4

The graph crosses the vertical axis at 4.

(27)	$x = \int x$	if $x \ge 0$
(3.7)	$x = \begin{cases} x \\ -x \end{cases}$	if $x < 0$

