C12 - 1.5 - Order Matters Point/Functions HW

Find the new point.

$f(x) = (2,1)$

A vertical expansion by a factor of 2
A vertical translation up 2

A vertical translation up 2
A vertical expansion by a factor of 2

$f(x) = (2,4)$

A horizontal compression of a half
A horizontal translation left 2

A horizontal translation left 2
A horizontal compression of a half

Find the new equation.

$f(x) = x^2$

A vertical expansion by a factor of 2
A vertical translation up 2

A vertical translation up 2
A vertical expansion by a factor of 2

A horizontal expansion by a factor of 2
A horizontal translation left 2

A horizontal translation left 2
A horizontal expansion by a factor of 2