

## ***Intermediate Algebra Skill***

### **Sketching Graphs Involving Stretching**

Sketch the graph:

1)  $y = \frac{1}{5}x$

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

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

4)  $h(x) = -\frac{1}{3}x^2$

5)  $j(x) = \frac{1}{4}|x|$

6)  $g(x) = -\frac{1}{2}|x|$

7)  $f(x) = \frac{1}{4}\sqrt{x}$

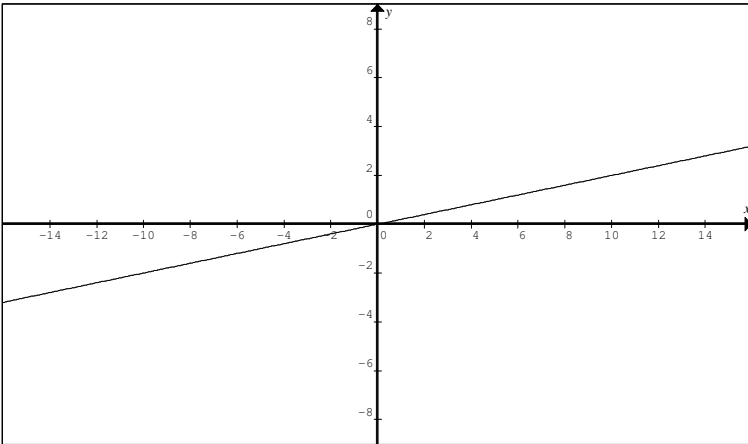
8)  $T(x) = -\frac{1}{3}\sqrt{x}$

9)  $Q(x) = \frac{1}{2x}$

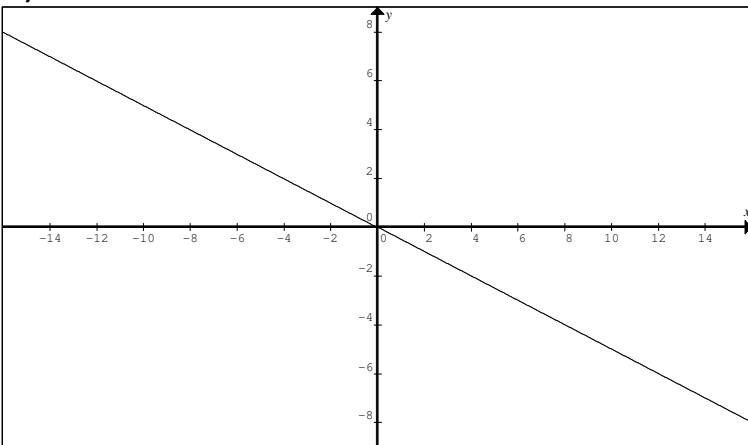
10)  $H(x) = -\frac{1}{3x}$

# Answers to Sketching Graphs Involving Stretching

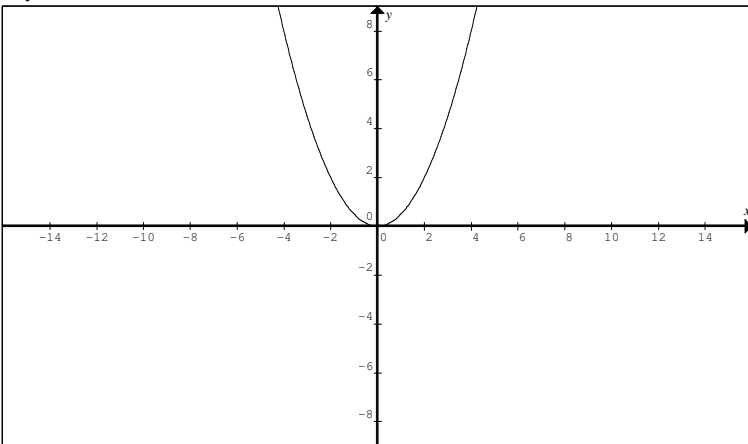
1)



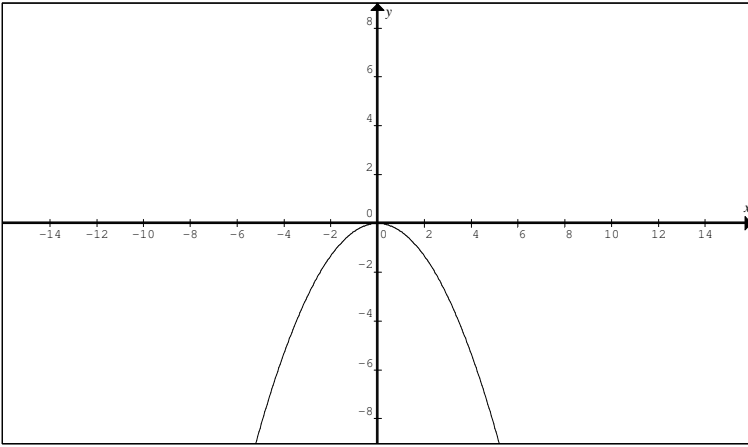
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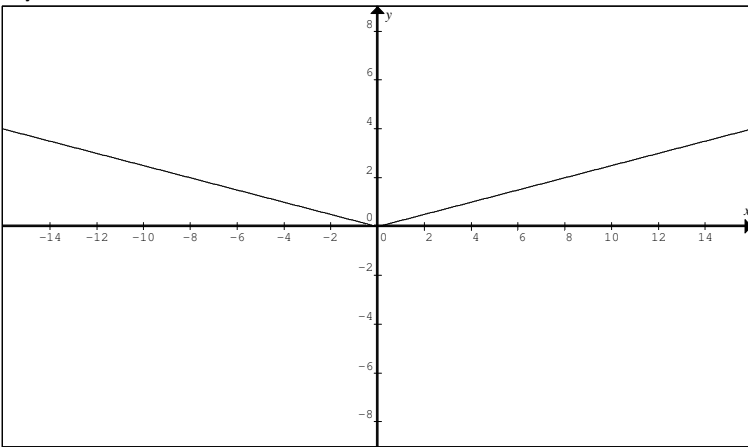
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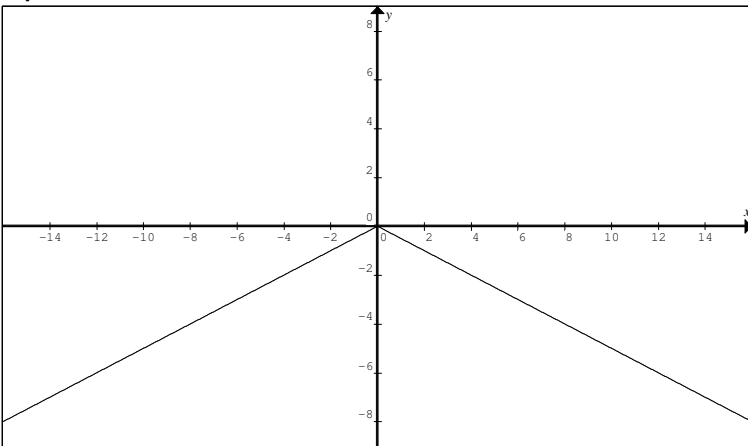
4)



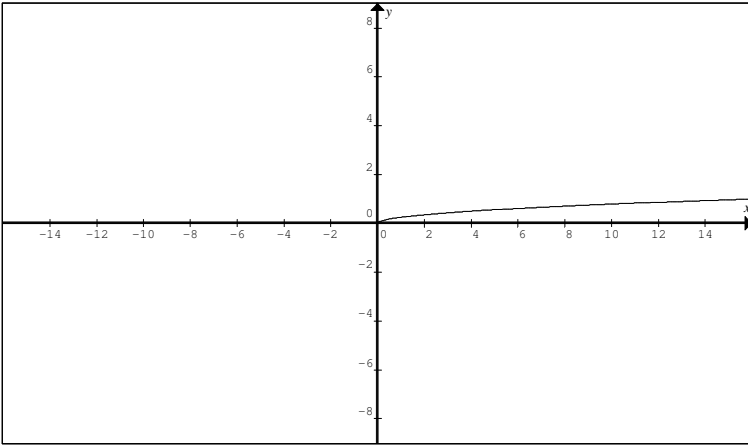
5)



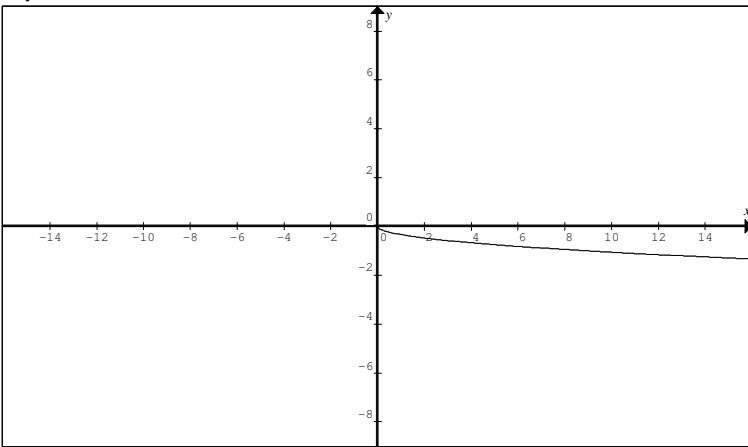
6)



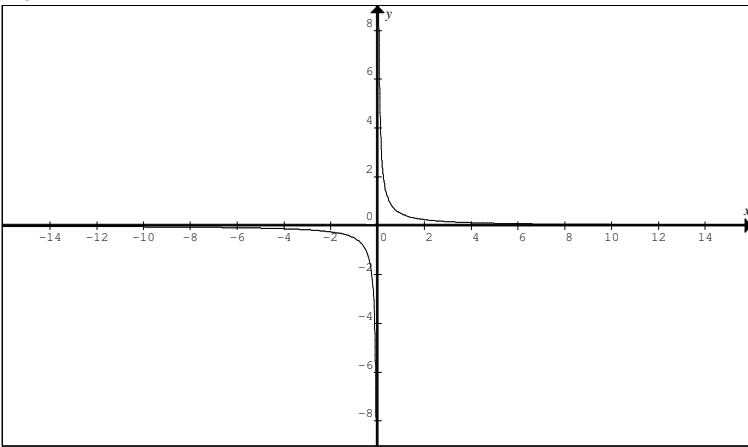
7)



8)



9)



10)

