

Answers to HW35: Semester 1 Exam Review

1) $97v - 108$

2) $46n + 6$

3) 10

4) 17

5) $\{-34\}$

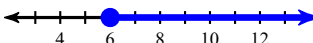
6) $\{-2\}$

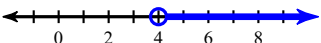
7) $\{1\}$

8) $a = \frac{u+b}{k}$

9) $10x \geq 5$

10) $v - 19 \geq 20$

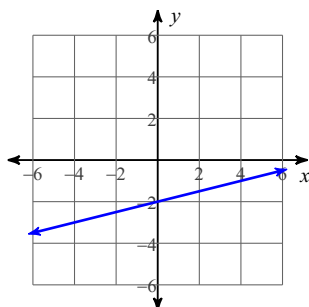
11) $x \geq 6$: 

12) $k > 4$: 

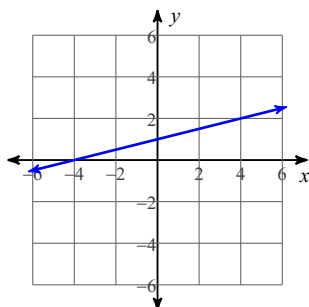
13) $\frac{10}{29}$

14) $\frac{5}{6}$

15)



16)



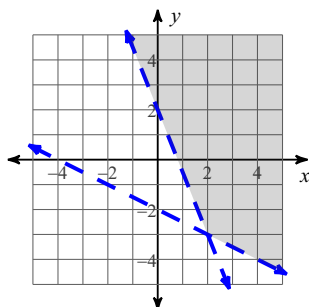
17) $y = x - 5$

18) $y = x - 2$

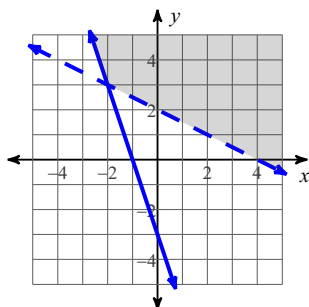
19) $(0, -5)$

20) Infinite number of solutions

21)



22)



23) Name

Input

Output

Rule

Definition

24) Nonfunction

25) Function, Linear

26) Function, Nonlinear

27) Nonfunction

28) Function, Linear

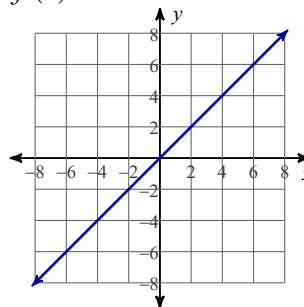
29) $f(-2) = 7$

30) $h(0) = 0$

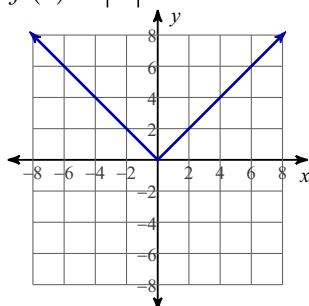
31) $x = 0$

32) $x = -7$

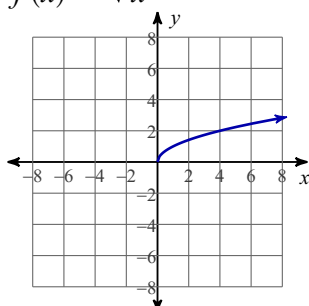
33) $f(x) = x$



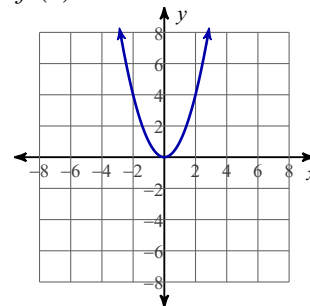
34) $f(x) = |x|$



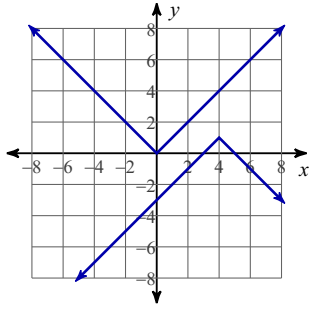
35) $f(x) = \sqrt{x}$



36) $f(x) = x^2$



37) Reflect across the x-axis, shift left 4 and down 2



38) compress by a factor of $\frac{1}{2}$

