

2.2.b p. 26		2.2.a p. 25		2.1.e p. 24		2.1.d p. 23	
1	A	1	C	1	C	1	C
2	J	2	F	2	F	2	J
3	C	3	D	3	B	3	D
4	J	4	H	4	J	4	F
5	B					5	B

#5
 $y = x^2 - 1$
 $3 < y \leq 8$
 $(3, 8]$

$x^2 - 1 = y$
 $x^2 = y + 1$
 $x = \pm\sqrt{y+1}$
 $y = 3 \quad x = \pm 2$
 $y = 8 \quad x = \pm 3$

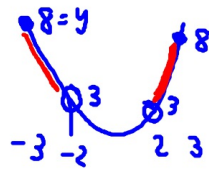
#4
 $y = 2x - 1$
 $D: 0 < x < 3$
 $(0, 3)$

Range? :
 $x = 0 \quad y = -1$
 $x = 3 \quad y = 5$
 $R: -1 < y < 5$
 $(-1, 5)$

p. 23 #3
 $y = x + 2$
 or: $x = y - 2$
 range $-1 \leq y \leq 2$
 interval $[-1, 2]$

domain? $[]$
 include both end points
 $y = -1 \quad x = -3$
 $y = 2 \quad x = 0$
 domain $-3 \leq x \leq 0$
 or $[-3, 0]$

\cup = both taken together



\cup : "Union" $-3 \leq x < -2 \quad 2 < x \leq 3$

$[-3, -2) \cup (2, 3]$

2.2.a p.25

#(18 total

g glazed

j jelly

$$\rightarrow g + j = 18$$

$$g = 2j - 2$$

$$g + 2 = 2j$$

$$2 = 2j - g$$

$$2j - g = 2$$

2.1.e p.24

$$\#1. \quad y = \frac{x+6}{2}$$

$$x = \frac{y+6}{2}$$

$$\frac{y+6}{2} = x$$

$$y+6 = 2x$$

$$y = 2x - 6$$

$$\text{slope} = 2$$

$$y\text{-int } -6$$