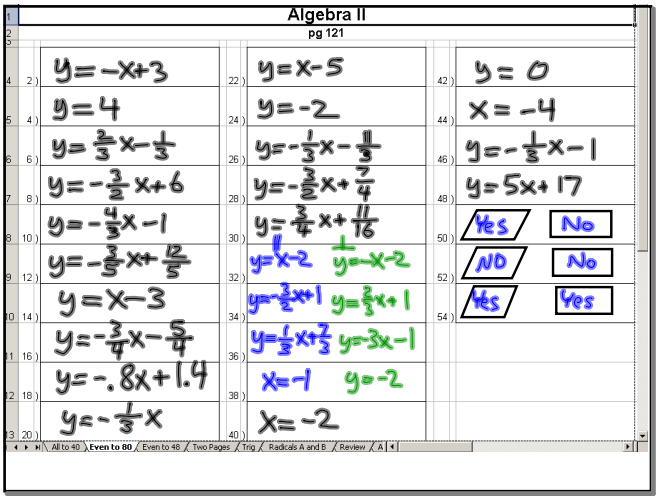


Algebra II

pg 121

2) $y=-x+3$	22) $y=x-5$	42) $y=0$
4) $y=4$	24) $y=-2$	44) $x=-4$
6) $y=\frac{2}{3}x-\frac{1}{3}$	26) $y=-\frac{1}{3}x-\frac{11}{3}$	46) $y=-\frac{1}{8}x-1$
8) $y=-\frac{3}{2}x+6$	28) $y=-\frac{3}{2}x+\frac{7}{4}$	48) $y=5x+17$
10) $y=-\frac{4}{3}x-1$	30) $y=\frac{3}{4}x+\frac{11}{16}$	50) Yes — No
12) $y=-\frac{3}{5}x+\frac{12}{5}$	32) $y=x-2$ $y=-x-2$	52) ND — No
14) $y=x-3$	34) $y=-\frac{3}{2}x+1$ $y=\frac{2}{3}x+1$	54) Yes — Yes
16) $y=-\frac{3}{4}x-\frac{5}{4}$	36) $y=\frac{1}{3}x+\frac{7}{3}$ $y=-3x-1$	
18) $y=-.8x+1.4$	38) $x=-1$ $y=-2$	
20) $y=-\frac{1}{3}x$	40) $x=-2$	

All to 40 / Even to 80 / Even to 48 / Two Pages / Trig / Radicals A and B / Review / A

8) $P(0,6)$ $m=-\frac{3}{2}$

$y=mx+b$

$y=-\frac{3}{2}x+b$

Tmp: $6=-\frac{3}{2}(0)+b$

$6=b$

$y=-\frac{3}{2}x+6$

28) $(\frac{3}{2},-\frac{1}{2})(-\frac{1}{2},\frac{5}{2})$

$m=\frac{\frac{5}{2}-(-\frac{1}{2})}{-\frac{1}{2}-\frac{3}{2}}=\frac{3}{-2}$

$y=-\frac{3}{2}x+b$

$-\frac{1}{2}=-\frac{3}{2}(\frac{3}{2})+b$

$-\frac{1}{2}=-\frac{9}{4}+b$

$\frac{7}{4}=b$

$y=-\frac{3}{2}x+\frac{7}{4}$

22) $(3,-2)(2,-3)$

$m=\frac{-3-(-2)}{2-3}=\frac{-1}{-1}=1$

$y=1x+b$

$-3=1(2)+b$

$-3-2=2-2+b$

$-5=b$

$y=x-5$

30) $(\frac{3}{4},\frac{5}{4})$ $(-\frac{1}{4},\frac{1}{2})$

$m=\frac{\frac{1}{2}-\frac{5}{4}}{-\frac{1}{4}-\frac{3}{4}}=\frac{-\frac{3}{4}}{-1}=\frac{3}{4}$

$y=\frac{3}{4}x+b$

$\frac{5}{4}=\frac{3}{4}(\frac{3}{4})+b$

$\frac{5}{4}=\frac{9}{16}+b$

$\frac{20}{16}-\frac{9}{16}=b=\frac{11}{16}$

$y=\frac{3}{4}x+\frac{11}{16}$

34) $P(0,1)$ $L: 3x+2y=1$

$2y=-3x+1$

$y=-\frac{3}{2}x+\frac{1}{2}$

$\parallel$ $m=-\frac{3}{2}$ $\perp$ $m=\frac{2}{3}$

$y=-\frac{3}{2}x+b$

$1=-\frac{3}{2}(0)+b$

$1=b$

$y=-\frac{3}{2}x+1$

$y=\frac{2}{3}x+b$

$y=\frac{2}{3}x+1$

38) P(-1,-2) L: x-3=0
x=3
m= no slope

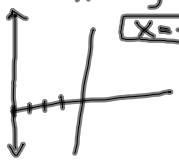
∥	⊥
m= no slope	m=0
x=-1	y=-2

40) (-2,3) (-2,6)

$m = \frac{6-3}{-2-(-2)} = \frac{3}{0}$ = no slope

x=-2

44) x-int {-4}
∥ to y-axis
x=-4



50) (-2,3) (1,4) (3,-1) (0,-2)

Yes, same slopes

No

$\frac{1}{3}, -\frac{5}{2}$
not opposite reciprocals