

1) $(-1, 2)$

2) $Y = (-Y + 1) + 3$
 $2Y = 4, Y = 2$

3) $2 = X + 3$
 $X = 2 - 3, X = -1$

4) $(5, 6)$

5) $Y = -X + 11$
 $X = -Y + 11$
 $2(-Y + 11) - Y = 4$
 $-2Y + 22 - Y = 4$
 $-3Y = -18$
 $Y = 6$

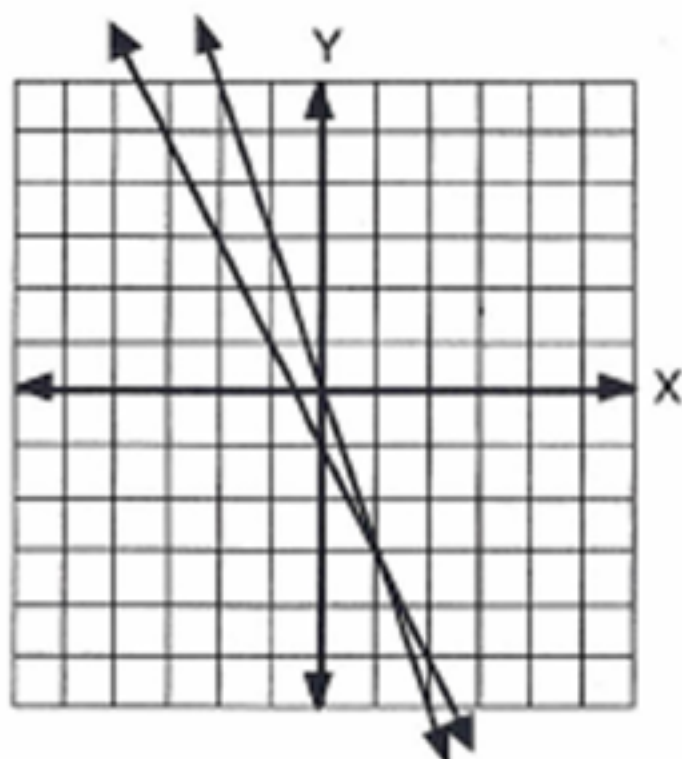
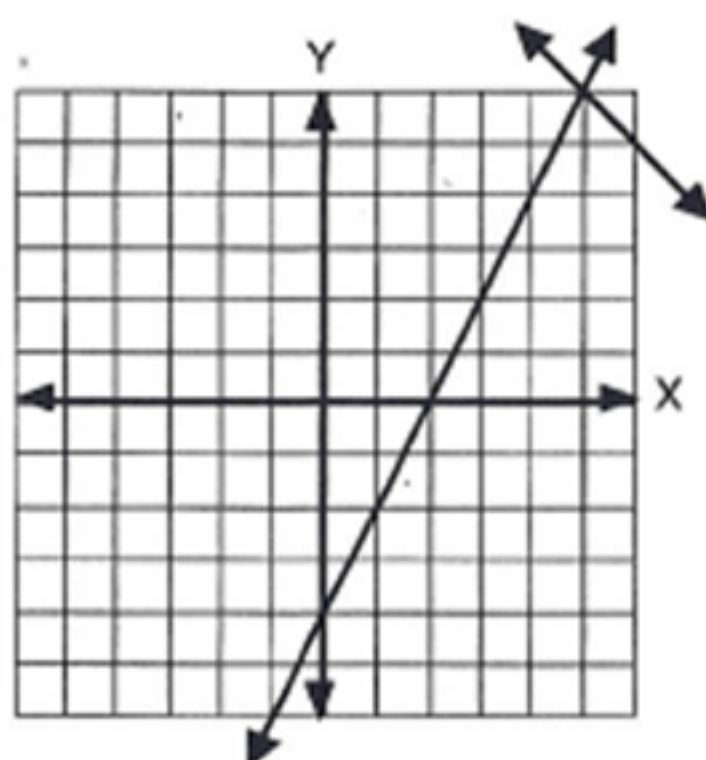
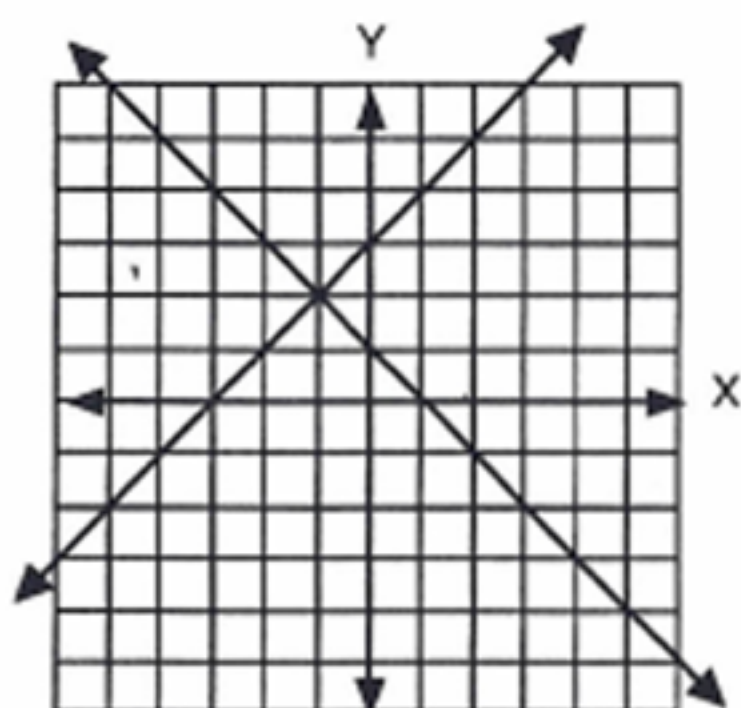
6) $6 = -X + 11$
 $-5 = -X$
 $5 = X$

7) $(1, -3)$

8) $Y = -2(-1/3Y) - 1$
 $Y = 2/3Y - 1$
 $1/3Y = -1$
 $Y = -3$

9) $-3 = -3(X)$
 $1 = X$

10) $2X + 3(5X - 30) = 29$
 $2X + 15X - 90 = 29$
 $17X = 119$
 $X = 119/17$
 $X = 7$
 $5(7) - Y = 30$
 $35 - Y = 30$
 $Y = 5$
 $(7, 5)$



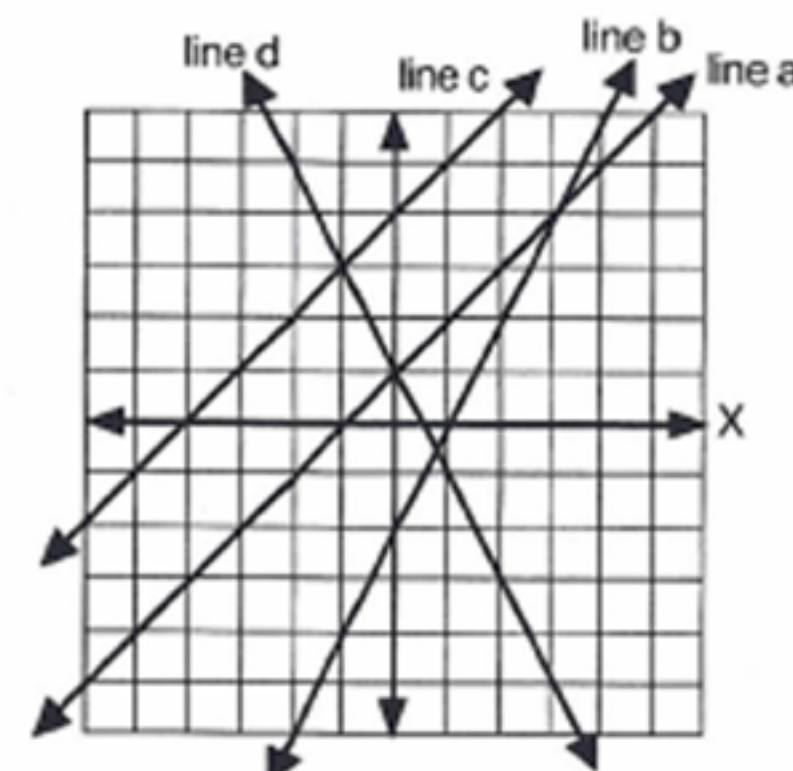
1) $(3, 4)$

2) $X + 1 = 2X - 2$
 $3 = X$

3) $Y = 3 + 1 = 4$

4) $(-1, 3)$

5) $X + 4 = -2X + 1$
 $3X = -3, X = -1$



6) $Y - (-1) = 4, Y + 1 = 4, Y = 3$

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

8) $3 = 2/3(1) + b, 3 - 2/3 = b, 2 1/3 = b, b = 7/3$

9) $Y = 2/3X + 7/3, 2X - 3Y = -7$

10) $m = -4/3$

11) $2 = -4/3(2) + b, 2 = -8/3 + b$
 $b = 2 + 8/3, b = 4 2/3$

12) $Y = -4/3X + 4 2/3$
 $Y = -4/3X + 14/3, 4X + 3Y = 14$

13) $1, 4, 9, 16, 25, 36, 49, 64, 81, 100,$
 $121, 144, 169, 196, 225$
 $1^2, 2^2, 3^2, 4^2, 5^2, 6^2, 7^2, 8^2, 9^2, 10^2,$
 $11^2, 12^2, 13^2, 14^2, 15^2$

14) 820 miles

15) $820 \div 50 = 16.4$ hours, $16 + 4/10, 16 + 24/60$
 $16:24 + 7:35 = 23:59, 11:59$ PM

16) $820 \div 25 = 32.8$ gallons,
 $32.8 \times 1.269 = \$41.62$

17) .923

18) $2A^2 - A^2 + 3A$

19) Prime

20) 12

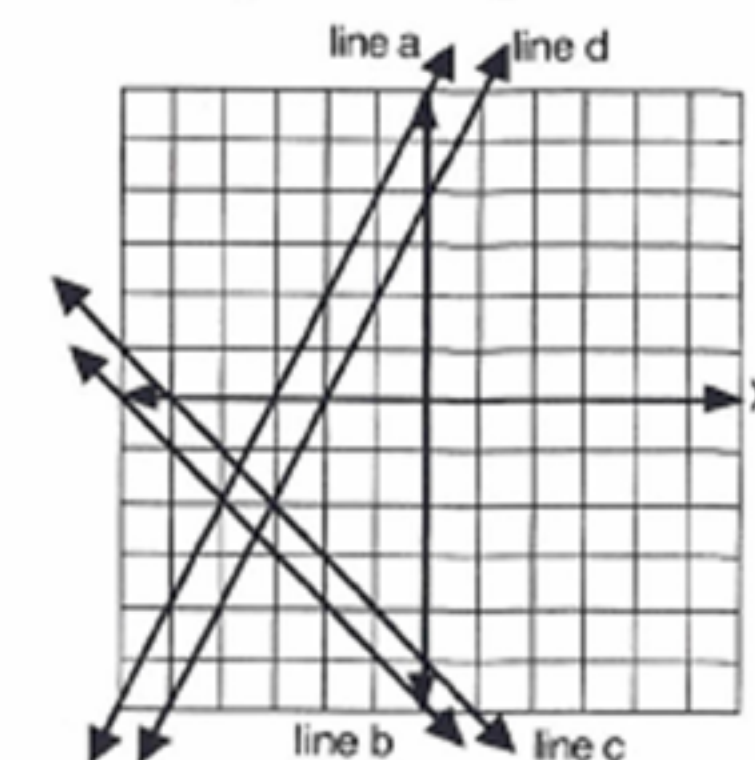
1) $(-4, -2)$

2) $2X + 6 = -X - 6$
 $3X = -12, X = -4$

3) $-4 + Y = -6, Y = -2$

4) $(-3, -2)$

5) $-X - 5 = 2X + 4$
 $-3X = 9, X = -3$



6) $Y - 3 = -5, Y = -2$

7) $\frac{4-0}{-2-0} = -2$

8) $0 = -2(0) + b, 0 = b$

9) $Y = -2X, 2X + Y = 0$

10) $m = +3/4$

11) $2 = 3/4(2) + b, 2 = 6/4 + b$
 $2 - 3/2 = b, b = 1/2$

12) $Y = 3/4X + 1/2, 3X - 4Y = -2$

13) $1, 4, 9, 16, 25, 36, 49, 64, 81, 100,$
 $121, 144, 169, 196, 225$
 $1^2, 2^2, 3^2, 4^2, 5^2, 6^2, 7^2, 8^2, 9^2, 10^2,$
 $11^2, 12^2, 13^2, 14^2, 15^2$

14) 380 miles

15) $380 \div 50 = 7.6$ hours, $7 + 6/10, 7 + 36/60$
 $7:36 + 6:14 = 13:50, 1:50$ PM

16) $380 \div 25 = 15.2$ gallons,
 $15.2 \times 1.199 = \$18.22$

17) .321

18) $A + 3B - 9 = 2C$

19) $5 \times 87, 5 \times 3 \times 29$

20) 8