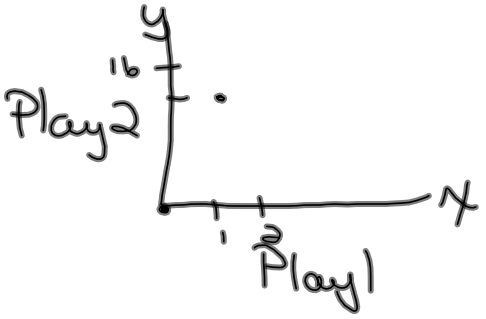
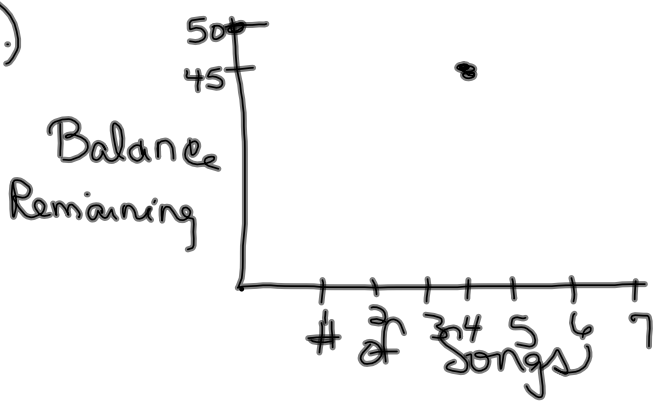
32.

Play 1 x	Play 2 y
0	16
1	15
2	14
3	13

$x + y = 16$



40.)



2-7 Translations and Reflections on a Coordinate plane

Transformation
- Reflect
- Translate
- Rotate
- Dilate

II (−, +)	I (+, +)
III (−, −)	IV (+, −)

Translation (a, b)

a corresponds to the x axis

b corresponds to the y axis

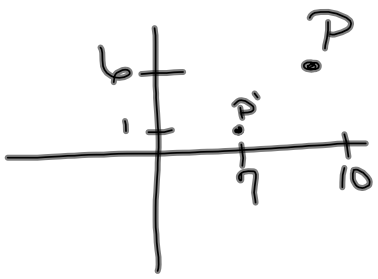
$a = -3$

$b = -5$

$P = (10, 6)$

Transformation $(-3, -5)$

$P' = (7, 1)$



Move $(+6, -4)$

$J = (-2, 5)$ $-2+6 = (4, 1)$ $5-4$

$K = (-2, 1)$ $-2+6 = (4, -3)$ $1-4$

$L = (-8, 1)$ $-8+6 = (-2, -3)$ $1-4$

$M = (-8, 5)$ $-8+6 = (-2, 1)$ $5-4$

$B = (0, 4)$

$B' = (-4, 1)$

$C =$

Translation

$0 + B' = -4$

$-0 \qquad -0$

$B' = -4$ go left 4

$4 + B' = 1$

$-4 \qquad -4$

$B' = -3$ down 3