window
= (4, 8, 2, 6)
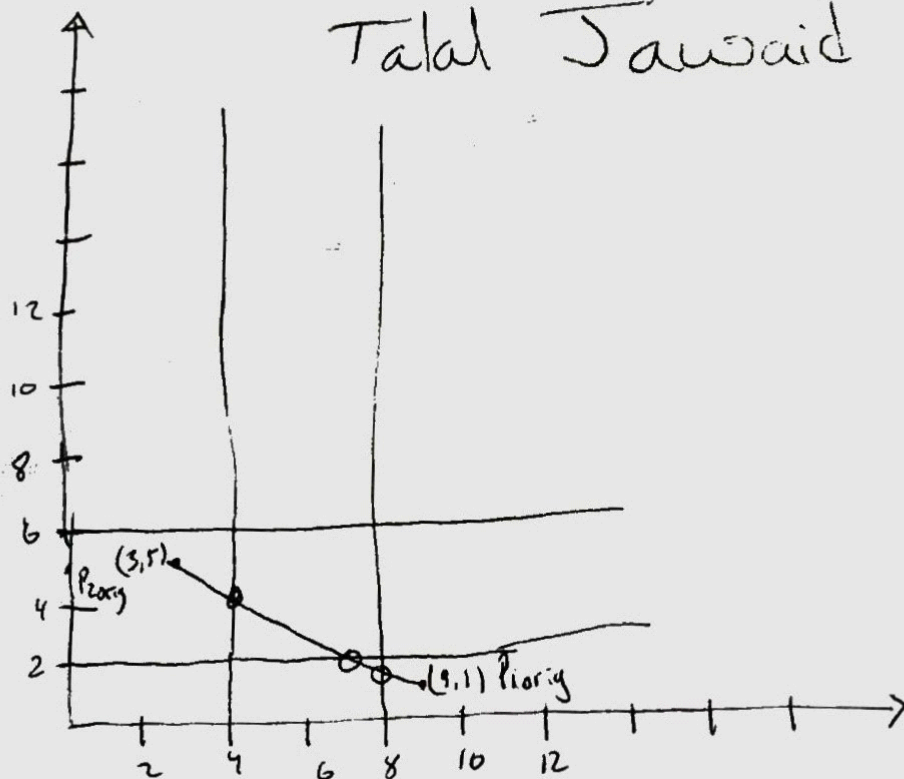$\quad$ L R B T

$P1(9,1)$

$PR(3,5)$

1st clipping: $X = 8$ $\quad y = 1 + \left(\frac{-2}{3}\right)(8-4) = 1 + \frac{2}{3} = 1\frac{2}{3}$

$\qquad M = \frac{1-5}{9-3} = \frac{-4}{6} = \frac{-2}{3}$

$\qquad$ new P1: $\left(8, 1\frac{2}{3}\right)$

2nd clipping: $y = 2$ $\quad x = 8 + (2 - 1\frac{2}{3})/\left(\frac{-2}{3}\right) = \frac{\frac{1}{3}}{\frac{2}{3}}$ $\quad \frac{3}{6} = \frac{1}{2}$

$\qquad m = \frac{-2}{3}$

$\qquad$ new P1 $\left(\frac{1}{2}, 2\right)$

SWAP P1/P2 —

$\qquad$ P1 $(3, 5)$

$\qquad$ P2 $\left(\frac{1}{2}, 2\right)$

3rd clipping: $X = 4$ $\quad y = 5 + \frac{-2}{3}(4 - 3)$

$\qquad m = -\frac{2}{3}$ $\qquad\qquad 5 + \frac{-2}{3}$

$\qquad\qquad\qquad\qquad\qquad 4\frac{1}{3}$

$\qquad$ new P1 $\left(4, 4\frac{1}{3}\right)$

Accuracy

$$P1\left(4, 4\frac{1}{3}\right)$$
$$P2\left(\frac{1}{2}, 2\right)$$