$\frac{M}{P_y}$

 $M = P_x X + P_y Y$

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(A) /0x+10 Y = 500

- (c) 11x+10Y = 300
- (P) 8x+107 = 500
- (E) 10x+107=400
- (f) { /o(x-/o)+10 Y = 500, X ≥ 10 10 Y = 500, X < 10
- (6) { | 0x + 10Y = 500, x = 30 | 0x 30 + 12(x - 30) + 10Y = 500, x > 30
- (H) $\begin{cases} lox + loY = 500, X \le 30 \\ lox + 30 + f(X 30) + loY = 500, X > 30. \end{cases}$

(A) 60x+1007=6400-200

(B) { 80(X-5) + 100 Y = 6400 - 200 = 6200, 2275

(c) { 80×+100 Y = 6400, × ±50 100 Y = >400, 50 < × ±55 80 × + 100 Y = 6000, 55 > ×