

$$\overset{3}{y} = -2x^{2} - 4x + 5
y = -2(x^{2} + 2x + 1) + 5 + 2
(1)^{2/2}
y = -2(x + 1)^{2} + 7
 \overset{4}{y} = 2x^{2} - 10x + 3
= 2(x^{2} - 5x + \frac{25}{7}) + 3 - 12\frac{1}{2} \qquad 2\frac{725}{7} = 25 = 12\frac{1}{2}
(-5)^{2} - 9\frac{1}{2}
 \overset{4}{y} = 2(x - 5)^{2} - 9\frac{1}{2}$$