

حل المعادلات الأسية واللوغاريتمية (4)

دخيل

$-\frac{1}{2}, 3$

$2y^2 + y - 1$

للمعادلة

$2y-1$

3

$y+1$

$6y+2$

$-\frac{1}{2}$

$5y$

$$\ln(6y+2) - \ln(y+1) = \ln(2y-1)$$

1) $\ln \frac{\dots\dots\dots}{y+1} = \ln(2y-1)$

2) $\frac{6y+2}{y+1} = \dots\dots\dots$

3) $(6y+2) = (2y-1) (\dots\dots\dots)$

4) $6y+2 = \dots\dots\dots$

5) $2y^2 - \dots - 3 = 0$

6) $y = \dots\dots\dots \text{or } \dots\dots\dots$

7) $y = \dots\dots\dots$

(8) وهو حل.....

$y = \dots\dots\dots$ (9)

(10) وهو حل.....