

J anuary 072013 2nd.gwb - 2/4 - Mon J an 072013 09:14:12


J anuary 072013 2nd.gwb - 3/4 - Mon J an 072013 09:26:45

$$
\begin{aligned}
& \text { (ex.3) } y=x^{2}+8 x-5 \quad y=a(x-h)^{2}+k \\
& \begin{array}{l}
\begin{array}{l}
=(4) \\
y=16 \\
4=\left(x^{2}+8 x+16\right)-5 \\
y=(x+4)^{2}-21
\end{array} \frac{-16}{a=1} \\
\begin{array}{l}
k=-4 \\
k=-21
\end{array}
\end{array} \\
& \text { (ex.A) } y=x^{2}-4 x+6 \\
& y=\left(x^{2}-4 x+4\right)+6-4 \\
& \begin{array}{l}
\begin{array}{l}
-4 \\
(-2)^{2}=4 \\
\left(\text { ex.B } \quad y=(x-2)^{2}+2\right. \\
y=2 x^{2}+12 x+17 \\
h=2 \\
k=2
\end{array} \\
\begin{array}{l}
\quad=1
\end{array} \\
\hline
\end{array} \\
& y=\left(2 x^{2}+12 x\right)+17 \\
& y=2\left(x^{2}+6 x+\frac{9}{2}\right)+17-2(4) \\
& \begin{array}{l}
\frac{6}{2}=3 \quad y=2(x+3)^{2}-1 \\
3^{2}=9
\end{array} \\
& a=2 \\
& h=-3 \\
& k=-1 \\
& \text { ex.3b } \\
& y=-3 x^{2}+6 x-1 \\
& y=\left(-3 x^{2}+6 x\right)-1 \\
& y=-\frac{-3\left(x^{2}-2 x+\frac{1}{x}\right)-1-\frac{(-3)(1)}{+3(1)}}{+} \\
& \begin{array}{l}
\frac{-2}{2}=(-1) \\
(-1)^{2}=1
\end{array} \quad y=-3(x-1)^{2}+2 \\
& a=-3 \\
& h=1 \\
& \begin{array}{l}
h=2 \\
k=2
\end{array}
\end{aligned}
$$

p. 290-292

14-16, 21-24, ther-w, $33-35,41-42,50,54$, 59-60

