A pril 162013 6th.gwb - 1/5 - Tue Apr 162013 12:48:16


$$
\begin{aligned}
& \frac{(y-3)^{2}}{25=a^{2}}+\frac{(x+4)^{2}}{9=b^{2}}=1 \\
& h=-4 \\
& k=3 \\
& a=5 \\
& b=3 \\
& c=4 \\
& \text { center }(-4,3) \rightarrow(4, k \pm a) \\
& c^{2}=a^{2}-b^{2} \\
& \begin{array}{l}
c^{2}=25-9 \\
c^{2}=16
\end{array} \\
& f_{(h, k \pm c)}(-4,7)(-4,-1)
\end{aligned}
$$



$$
\begin{aligned}
& 4 \boldsymbol{x}^{2}+9 \boldsymbol{y}^{2}-40 x+36 \boldsymbol{y}+100=\mathbf{0} . \\
& 4 x^{2}-40 x+9 y^{2}+36 y=-100 \\
& 4\left(x^{2}-10 x+25\right)+9\left(y^{2}+4 y+4\right)=-100+4(2 \cdot 5)+9(4) \\
& \frac{4(x-5)^{2}}{369}+\frac{4(y+2)^{2}}{3664}=\frac{36}{36} \\
& \frac{(x-5)^{2}}{9}+\frac{(y+2)^{2}}{4}=1
\end{aligned}
$$

p. 638-641

17, 18, 19-23 odd, 27 . $31,33-35,38,49,52,63$

