$$
\begin{aligned}
& \text { 16. } x-y=2 \longrightarrow x=2+y \\
& x^{2}=100-y^{2} \\
& (2+y)^{2}=100-y^{2} \\
& y^{2}+4 y+4=100-y^{2} \\
& \frac{2 y^{2}+4 y-96}{2}=0 \\
& \rightarrow y=\frac{-2 \pm \sqrt{\left.2^{2}-4(1)+-48\right)}}{2(1)} \\
& y=\frac{-2 \pm \sqrt{196}}{2} \\
& \begin{array}{c}
y^{2}+2 y-48=0 \\
x=2+6 \\
x=2 y=-8 \\
x=2
\end{array} \\
& \begin{array}{c|c}
x=2+6 & x=2-8 \\
x=8 & x=-6 \\
(8,6\rangle & -6,-8) \\
\hline
\end{array} \\
& y=\frac{-2 \pm 14}{2} \\
& y=6,-8 \\
& -\overline{( \pm 1.3,2.0) \quad( \pm 1,3,-2.0)} \\
& ( \pm 1.3, \pm 2.0)
\end{aligned}
$$

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$11-12,14-15,18,20$,
$22,24,26,28,30,32$, $35,37-38,40-41,56-57$

Graph 14, 18, 20, 22,
26, 28, 32, 35

