1. A test has twenty questions worth 100 points. The test consists of True/False questions worth 3 points each and multiple choice questions worth 11 points each. How many multiple choice questions are on the test?

   Equation 1: ___________________

   Equation 2: ___________________

   Solution: ___________________

2. The difference of two numbers is 3. Their sum is 13. What are the two numbers?

   Equation 1: ___________________

   Equation 2: ___________________

   Solution: ___________________

3. The admission fee at a small fair is $1.50 for children and $4.00 for adults. On a certain day, 2200 people enter the fair and $5050 is collected. How many children and how many adults attended?

   Equation 1: ___________________

   Equation 2: ___________________

   Solution: ___________________

4. At an ice cream parlor, ice cream cones cost $1.10 and sundaes cost $2.35. One day, the receipts for a total of 172 cones and sundaes were $294.20. How many cones were sold?

   Equation 1: ___________________

   Equation 2: ___________________

   Solution: ___________________

5. Lisa goes to the mall one day and buys four shirts and three pairs of pants for $85.50. She returns the next day and buys three shirts and five pairs of pants for $115.00. What is the price of each shirt and each pair of pants?

   Equation 1: ___________________

   Equation 2: ___________________

   Solution: ___________________
Unit 5 Review

Solve system of linear equations by graphing.

\[
\begin{align*}
y &= \frac{-5}{3}x + 3 \\
y &= \frac{1}{3}x - 3
\end{align*}
\]

Solve system of linear equations by substitution.

\[
\begin{align*}
-3x - 3y &= 3 \\
y &= -5x - 17
\end{align*}
\]

Solve system of linear equations by elimination.

\[
\begin{align*}
-2x - 5y &= -10 \\
3x + 6y &= 18
\end{align*}
\]

\[
\begin{align*}
x - y &= 11 \\
2x + y &= 19
\end{align*}
\]

\[
\begin{align*}
y &= -3x + 5 \\
5x - 4y &= -3
\end{align*}
\]

\[
\begin{align*}
-4x + 9y &= 9 \\
x - 3y &= -6
\end{align*}
\]