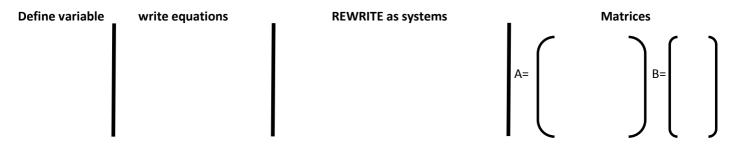
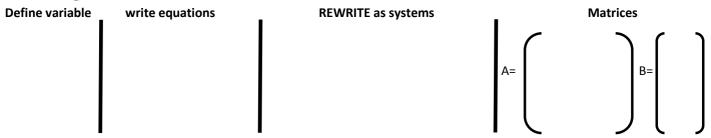
5. Annette, Barb, and Carlita work in a clothing shop. One day the three had combined sales of \$1480. Annette sold \$120 more than Barb. Barb and Carlita combined sold \$280 more than Annette. How much did each person sell?



6. A triangle has one angle that measures 5° more than twice the smallest angle, and the largest angle measures 11° less than 3 times the measure of the smallest angle. Find the measures of the three angles.

7. Souvenir hats, T-shirts, and jackets are sold at a rock concert. Three hats, two T-shirts, and one jacket cost \$140. Two hats, two T-shirts, and two jackets cost \$170. One hat, three T-shirts, and two jackets cost \$180. Find the prices of the individual items.



MAKE a MATRIX then solve the following systems with a calculator.

9.
$$3x + 2z = 11 \quad A = \begin{pmatrix} & & & \\ & y - 7z = 4 \\ & x - 6y = 1 \end{pmatrix}$$
 $B = \begin{pmatrix} & & \\ & & \\ & & \end{pmatrix}$