



1. Using the distance formula, find the distance (crow's flight) between.

a) Temecula Valley High School & Thornton Winery. $T(\quad , \quad)$ & $W(\quad , \quad)$
 $TW = \underline{\hspace{2cm}}$ units

b) Temecula Middle School & SCGA Clubhouse (California Golf Club). $M(\quad , \quad)$ & $G(\quad , \quad)$
 $MG = \underline{\hspace{2cm}}$ units

c) Temecula Cemetery & Riverton Park. $C(\quad , \quad)$ & $P(\quad , \quad)$
 $CP = \underline{\hspace{2cm}}$ units

d) Temecula Community Rec Center & Linfield School. $R(\quad , \quad)$ & $L(\quad , \quad)$
 $RL = \underline{\hspace{2cm}}$ units

2. Convert your units above to inches, using the scale of the axis (one unit = $\frac{1}{4}$ "). Then use a ruler to measure the actual distance between the two points of each pair above and compare your calculated distances to your measured distances.

Calculated Distance

Measured Distance

$TW = \underline{\hspace{2cm}}$ inches

$TW = \underline{\hspace{2cm}}$ inches

$MG = \underline{\hspace{2cm}}$ inches

$MG = \underline{\hspace{2cm}}$ inches

$CP = \underline{\hspace{2cm}}$ inches

$CP = \underline{\hspace{2cm}}$ inches

$RL = \underline{\hspace{2cm}}$ inches

$RL = \underline{\hspace{2cm}}$ inches

3. Use the legend at the top of the map to determine the true distance (miles) between the points.

Scale: $\underline{\hspace{1cm}}$ miles = $\underline{\hspace{1cm}}$ inches

Unit Scale: $\underline{\hspace{1cm}}$ miles = 1 inch

$TW = \underline{\hspace{2cm}}$ miles

$CP = \underline{\hspace{2cm}}$ miles

$MG = \underline{\hspace{2cm}}$ miles

$RL = \underline{\hspace{2cm}}$ miles



STUDENT HANDOUT

TOWN GRID



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