

Summation Steps	$\bar{X} =$		<u>Step 1c</u> $\Sigma(X - \bar{X})^2$ =	$\bar{Y} =$		<u>Step 2c</u> $\Sigma(Y - \bar{Y})^2 =$	<u>Step 3b</u> $\Sigma(X - \bar{X})(Y - \bar{Y}) =$
Step 4							
Find the denominator	$\sqrt{\Sigma(X - \bar{X})^2} \sqrt{\Sigma(Y - \bar{Y})^2} =$						
Step 5							
Put the pieces together to find r and round to the hundredths place	$r = \frac{\Sigma(X - \bar{X})(Y - \bar{Y})}{\sqrt{\Sigma(X - \bar{X})^2} \sqrt{\Sigma(Y - \bar{Y})^2}}$ $r =$						
Additional Analyses							
Compute df for all correlations Computer r^2 only for significant correlations	$df = n - 2$ r^2 = the coefficient of determination						

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