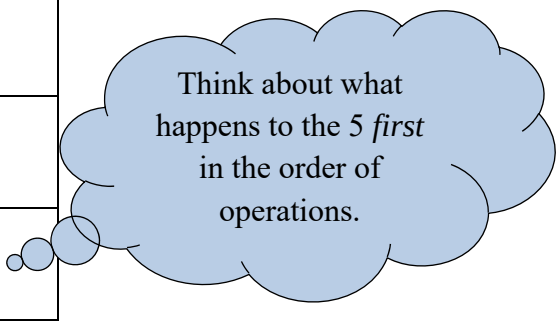
Beginning Algebra NAME:

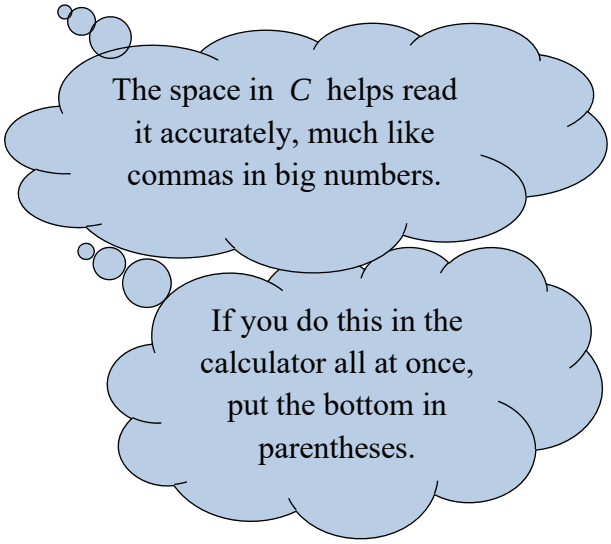
1. For each expression, tell whether the pulled-out part is a term or a factor.

Expression	**Term or Factor?**
$5t + 40$	$5t$ is a _____
$6(x + 5)$	$x + 5$ is a _____
$9x^2$	x is a _____
$4(x - 5)$	5 is a _____



2. Evaluate the following formula for $\pi = 3.14$, $C = 0.000\,005$, and $X_C = 50.0$. Round to the nearest whole number. Do not worry about units.

$$f = \frac{1}{2\pi C X_C}$$



3. Find the power used in an electric light bulb, $P = i^2R$, if the current is $i = 0.80$ amperes and the resistance is $R = 150$ ohms. P will be in watts. (You will get a whole number. Include units.)