## EVALUATING PROOFS

Look through each of the problems. Identify the information given and what else can be interred/determined from the given information.

1) If $P Q \cong Q S$ and $Q S \cong S T$ then $P Q=S T$.


| What is given? | How does the given help <br> you solve more <br> information? | What other information can <br> you 'see?' |
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2) 


$\mathrm{m} \angle A B C=8 x^{\circ}$

| What is given? | How does the given help <br> you solve more <br> information? | What other information can <br> you 'see?' |
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3) What is the temperature in degrees Fahrenheit $F$ when it is $15^{\circ} \mathrm{C}$ ? Solve the equation $F=\frac{9}{5} C+32$ for $F$ and justify each step.

| What is given? | How does the given help <br> you solve more <br> information? | What other information can <br> you 'see?' |
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4) Prove that $A(-2,-2), B(5,-1), C(1,2)$ is an isosceles right triangle.

| What is given? | How does the given help <br> you solve more <br> information? | What other information can <br> you 'see?' |
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