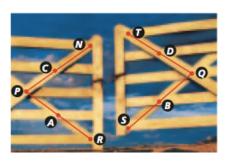
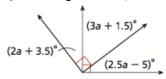
Geometry	Name	
Big Ideas Chapter 2 Challenge Problems	Date	Period
1) Construction using a compass and straight edge on another and the same distance from A and B. Construct $\overline{AC}$ and $\overline{BC}$		
2) How many true conditionals can you write using the following statements? p: n is an integer q: n is a whole number r: n is a natural number	note is 24.5 hertz. The fre	G on her piano, the frequency of the equency of a note doubles with each ency in hertz of a G note that is 3
Geometry Big Ideas Chapter 2 Challenge Problems	Name Date	
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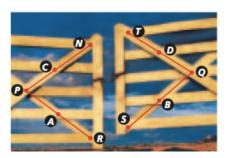
- 4) Find a counterexample for "n is divisible by 4 if and only if  $n^2$  is even."
- 5) In the gate (figure below), PA = QB, QB = RA, and PA = 18 in. Find PR and justify each step.



6) For the figure below, find the value of a and the measure of each angle.



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6) For the figure below, find the value of a and the measure of each angle.

