

Example in 
$$\Delta PQR, \Delta P = 36^{\circ}, p = 24.8 \text{ m}$$
 and  $q = 23.4 \text{ m}$ . Determine the measure of  $4R$  to the nearest  
degree.  
234  
24.8  
P =  $\frac{SinP}{P} = \frac{SinQ}{P}$   
23 + x  $\frac{SinB_{0}}{P} = \frac{SinQ}{23.4}$   
23 + x  $\frac{SinB_{0}}{24.8} = \frac{SinQ}{23.4}$   
P =  $\frac{SinQ}{24.8}$   
23 + x  $\frac{SinB_{0}}{24.8} = \frac{SinQ}{23.4}$   
P =  $\frac{SinQ}{24.8}$   
P =  $\frac{SinA}{42.8}$   
SinA =  $\frac{SinB}{42.8}$   
SinA =  $\frac{SinB}{42.8}$   
SinA =  $\frac{SinB}{42.8}$   
SinB =  $\frac{42 \times Sin30}{24}$   
SinB =  $\frac{42 \times Sin30}{2}$