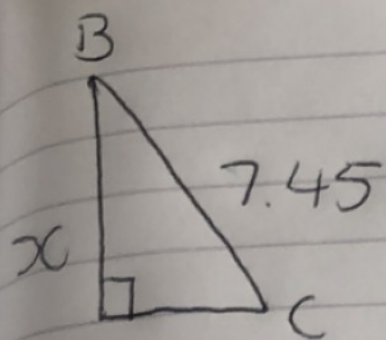




$$\angle A = 38$$

$$\angle 2 = 180 - (38 + 90)$$

$$\angle 2 = 52$$

$$\frac{7.45}{\sin 90} = \frac{BD}{\sin 38}$$

$$BD = \frac{(\sin 38) 7.45}{\sin 90} = 4.58 \text{ miles}$$