Clue 2:
(A1:
$$5 = \frac{d}{6}$$

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 $a = 44 \text{km/L} \cdot 30 \text{min} \cdot \frac{16}{60 \text{min}}$
 $= 22 \text{km}$
 $r = 64 \text{km/h} \cdot 15 \text{min} \cdot \frac{1}{60 \text{min}}$
 $= 16 \text{km}$
BCS SSA triangle, there could be ambiguity.
Sine $1aw : \frac{A}{\sin A} = \frac{B}{\sin B} = \frac{C}{\sin C}$
 $\frac{16}{\sin 35} = \frac{22}{\sin A} \Rightarrow A = 52.06$
 $= 128^{\circ}$
 $= 128^{\circ}$
 $= 128^{\circ}$
 $= 17^{\circ}$
 $= 17^{$

Gen Formula: f(x) = a cos(K(X-c))+d

$$K = \frac{360^{\circ}}{16 \sec x^2} = 11.25 \checkmark$$

$$f(x) = -0.35\cos(11.25x) + 0.45$$

Total clue 2:10