i. Review

a. Letter

b. Notes

c. Typesofwaves

Transverse

Longitudinal

Torsional

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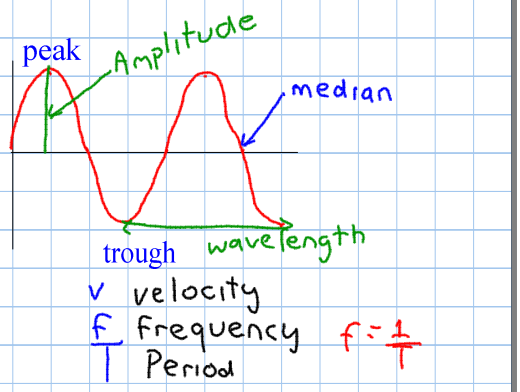
2. Wave Analysis



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Example

$f = 10\ Hz$

$T = \frac{1}{f}$

$= \frac{1}{10}$

$= 0.1\ s$

$f = \frac{1}{T}$

1. Data block
2. Formula
3. Substitute
4. Solve

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Wave Equation

$v = f\lambda$

$v = \frac{\lambda}{T}$

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Example

$v = 300\ m/s$

$f = 100\ Hz$

$v = f\lambda$

$\lambda = \frac{v}{f}$

$= \frac{300}{100}$

$= 3\ m$

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no study = fail ①

study = no fail ②

①+② study + no study = fail + no fail

study (1 + no) = fail (1 + no)

∴ study = fail

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