



DIRECT AND INVERSE PROPORTION

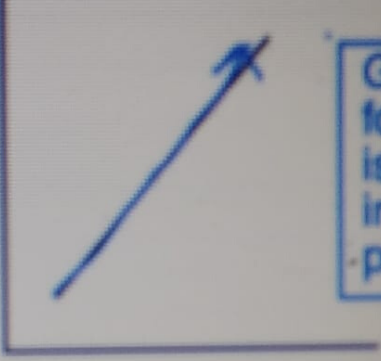
EXPERT GUIDANCE BY MAHIMA LAROYIA

DIRECT AND INVERSE PROPORTION

- Direct Proportion
- Inverse proportion
- Proportion Word problems

DIRECT PROPORTION

When one value increases the other increases as well



Greater the force greater is the extension in the spring produced.

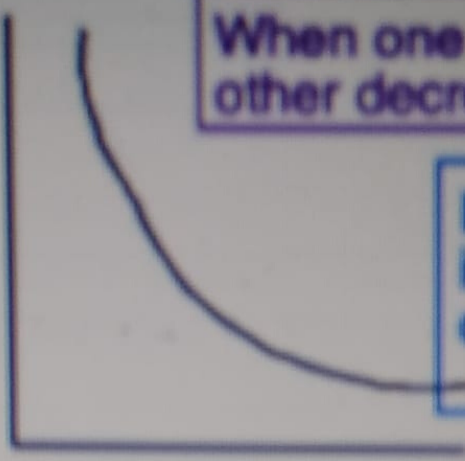
$y \propto x$

$y = kx$

$k = \text{constant}$

INVERSE PROPORTION

When one value increases other decreases



If pressure increases volume decreases

$y \propto \frac{1}{x}$

$k = \text{constant}$

$y = \frac{k}{x}$

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