

Alternative resources (better than a textbook), google them.

The Physics Classroom (physicsclassroom.com): Select “physics tutorial” on the left side of the screen to see topics. Also check out the interactive demos.

Flipping Physics (flippingphysics.com): Hover over the “Physics video libraries” button, click on “Algebra”. You can now watch any of the mini-lectures to learn/review a topic.

Hyperphysics: A great combination between readability and truth to underlying physics. This is a resource for students and scientists alike. The best method is to google: hyperphysics, [whatever topic you want to know about]. ex: “hyperphysics kinematics”. Explore the site from there and enjoy getting lost in this rabbit warren!

$$\frac{1000 \text{ m}}{1 \text{ km}}$$

$$\frac{1.6 \text{ km}}{1 \text{ mile}}$$

$$\frac{3.3 \text{ ft}}{1 \text{ m}}$$

$$\frac{2.54 \text{ cm}}{1 \text{ inch}}$$

$$\frac{2.2 \text{ lbs}}{1 \text{ kg}}$$

$$\frac{454 \text{ g}}{1 \text{ lb}}$$

$$\frac{1 \text{ oz}}{28.35 \text{ g}}$$

$$\frac{2000 \text{ lbs}}{1 \text{ ton}}$$

$$\frac{1 \text{ L}}{33.8 \text{ oz}}$$

$$\frac{1 \text{ L}}{1000 \text{ ml}}$$

$$\frac{1000 \text{ cm}^3}{1 \text{ L}}$$

$$\frac{3.8 \text{ L}}{1 \text{ gal}}$$

$$\frac{1 \text{ m}^2}{10000 \text{ cm}^2}$$

$$\frac{1 \text{ hectare}}{10000 \text{ m}^2}$$

$$\frac{43560 \text{ ft}^2}{1 \text{ acre}}$$

$$\frac{2.59 \text{ km}^2}{1 \text{ mile}^2}$$

TEMP: °F to °C: $(°F - 32) * (5/9)$

°C to °F: $°C * (9/5) + 32$