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English Version

The model is an associative image which shows the comparison of some notion, process or phenomenon of science or mathematics with some every day or natural object, process or phenomenon.

Notion, process or phenomenon	Proportionality
Definition or explanation	In mathematics, two variables are proportional if a change in one is always accompanied by a change in the other, and if the changes are always related by use of a constant multiplier. The constant is called the coefficient of proportionality or proportionality constant. If one variable is always the product of the other and a constant, the two are said to be directly proportional. x and y are directly proportional if the ratio $\frac{x}{y}$ is constant.
Model	
Description of the model	The distance between Montevarchi and Bucine is 10.5 km, while that between Saint John and V.no Bucine is 16 Km . The distance is directly proportional to the time taken , assuming constant speed





Versione Italiana

Il modello è costituito da un'immagine che mette a confronto una nozione, un processo o un fenomeno scientifico o matematico con qualche oggetto, processo o fenomeno della vita di ogni giorno

Nozione processo o fenomeno	Grandezze Direttamente Proporzionali
Definizione o spiegazione	Due grandezze si dicono direttamente proporzionali quando all'aumentare di una aumenta anche l'altra in modo che il loro rapporto rimanga costante.
Modello	<p>The diagram shows a red car on a road. The first segment is between Bucine (Town A) and Montevarchi (Town B), with a distance of 10,5 Km and a time of 15 minutes. The second segment is between Bucine (Town) and S. Giovanni V. (Town C), with a distance of 16 Km and a time of 22 minutes. The diagram illustrates that as the distance increases, the time also increases proportionally.</p>
Descrizione del modello	La distanza tra Montevarchi e Bucine è 10,5 Km, mentre quella tra San Giovanni V.no e Bucine è 16 Km. La distanza è direttamente proporzionale al tempo impiegato, supponendo costante la velocità

