![iSmart logo - Transforming Education - A member of EQuest Education]
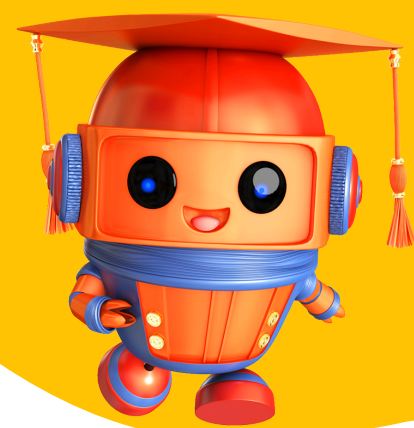
Báo Bài Tuần

Vui lòng truy cập

https://ipro2.ismart.edu.vn

hoặc quét mã để tải iPRO2 và ôn tập

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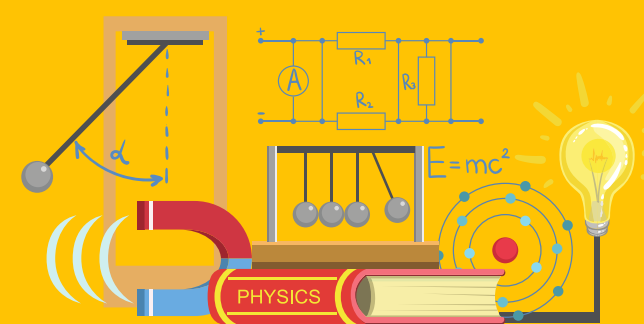
Lesson 2

Direct proportion

🔍 www.ipro2.ismart.edu.vn

1. **Variable** y is **directly proportional** to variable x if they are related by the formula y = kx (k is a non-zero constant).

2. If y is directly proportional to x with the **constant of proportionality** k, then x will be directly proportional to y and the constant of proportionality is $\frac{1}{k}$ (k is different from zero).

variable

biến số

3 dollars/cupcake

x: number of cupcakes
y: amount of money

y = 3x

⊗	1	2	3	4
ⓨ = 3x	3	6	9	12

directly proportional

tỷ lệ thuận

increase →

🥣	1	2	4	6
💵	2	4	8	12

💵/🥣 = 2

← increase

constant of proportionality

hằng số tỷ lệ

3 dollars/cupcake

x: number of cupcakes
y: amount of money

y = 3x

x	1	2	3	4
y = 3x	3	6	9	12
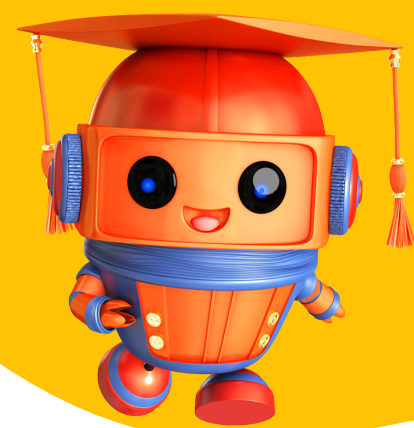
Lesson 2

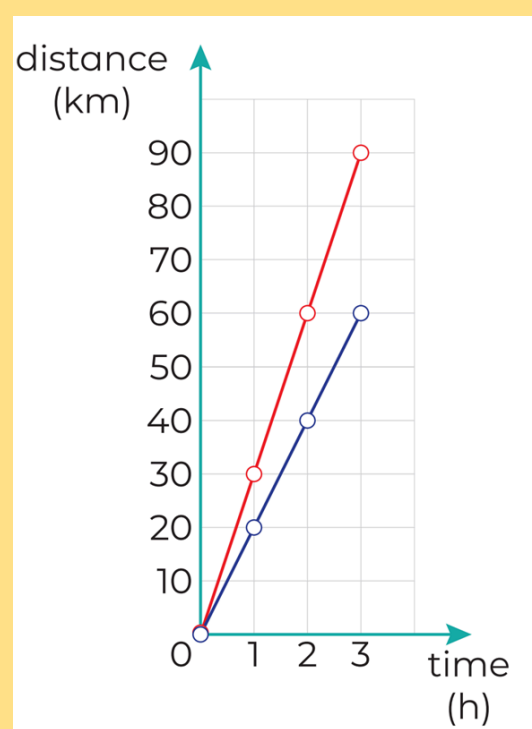## Distance-time graph

🔍 **www.ipro2.ismart.edu.vn**

1. A **distance-time graph** describes how something moves.

2. A **data table** records the distance an object travels in equivalent periods of time.

distance-time graph
đồ thị quãng đường theo thời gian

data table
bảng dữ liệu

🚗	Car			
time (h)	0	1	2	3
distance (km)	0	30	60	90

🚚	Truck			
time (h)	0	1	2	3
distance (km)	0	20	40	60