

Cinemática

Escalar

conceitos básicos

Prof. Jadoski
Física



CARRO 3

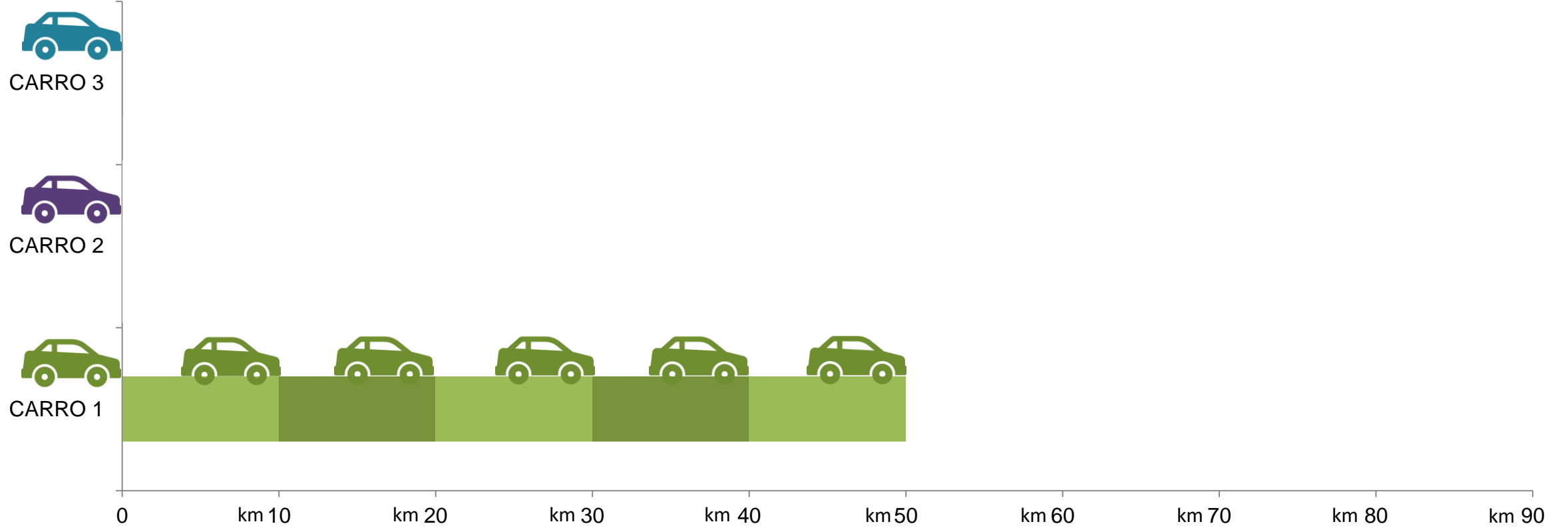


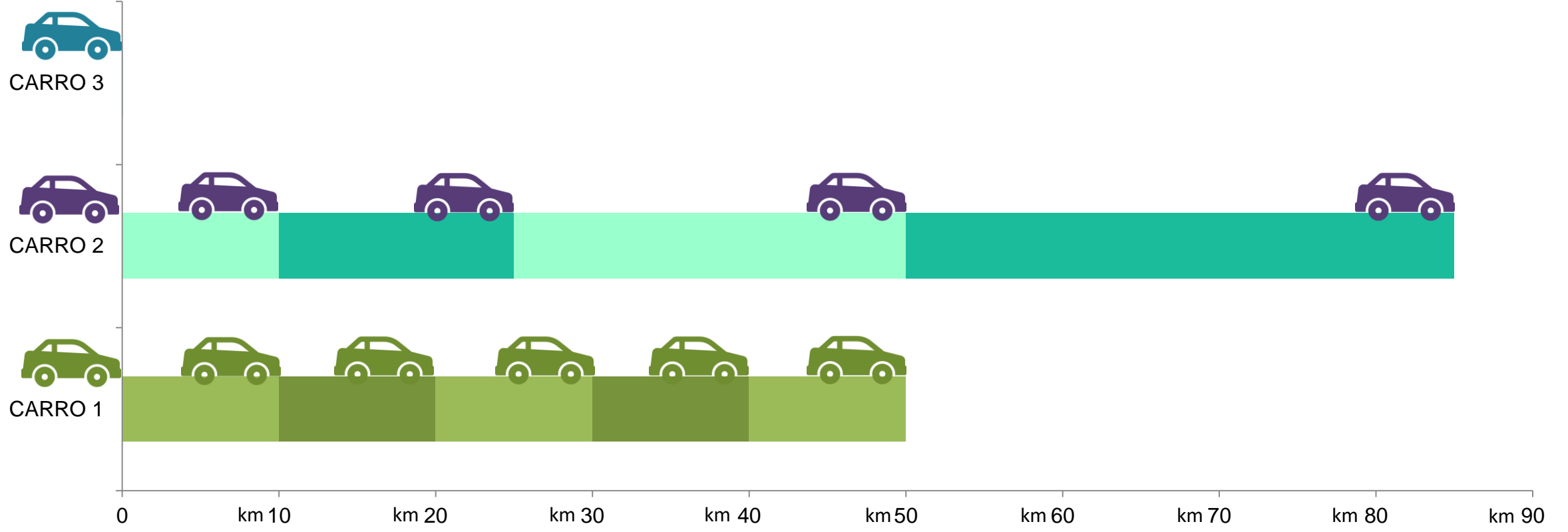
CARRO 2

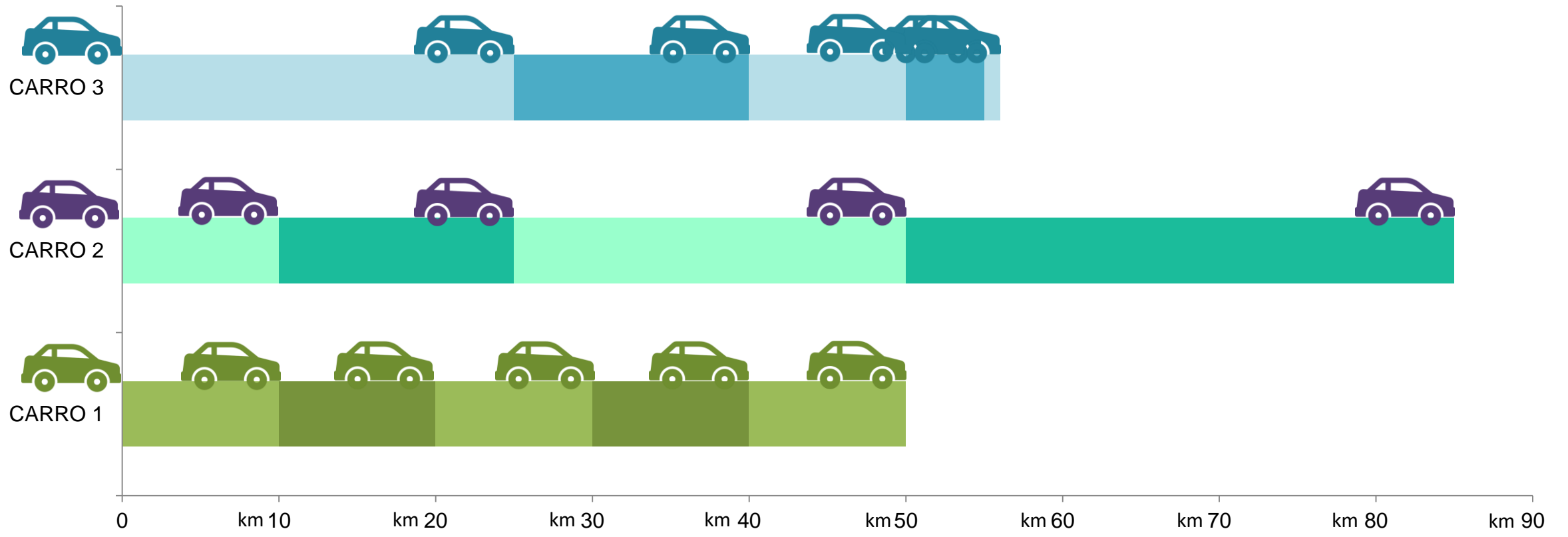


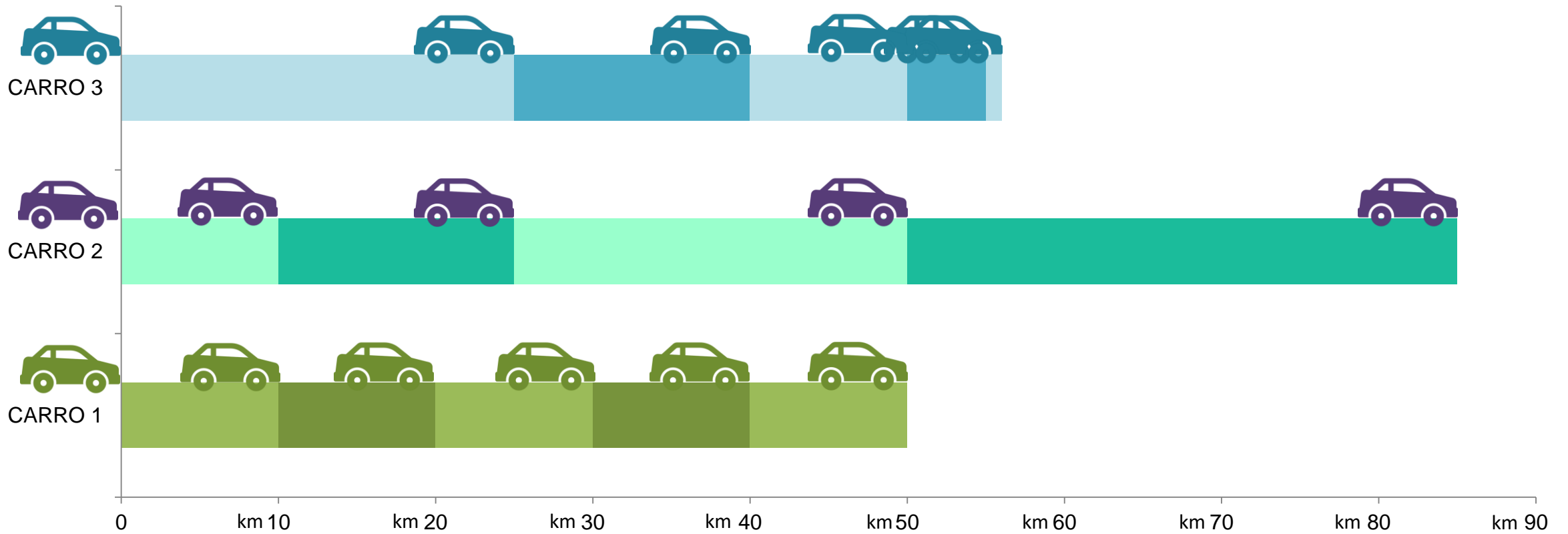
CARRO 1

0 km 10 km 20 km 30 km 40 km 50 km 60 km 70 km 80 km 90



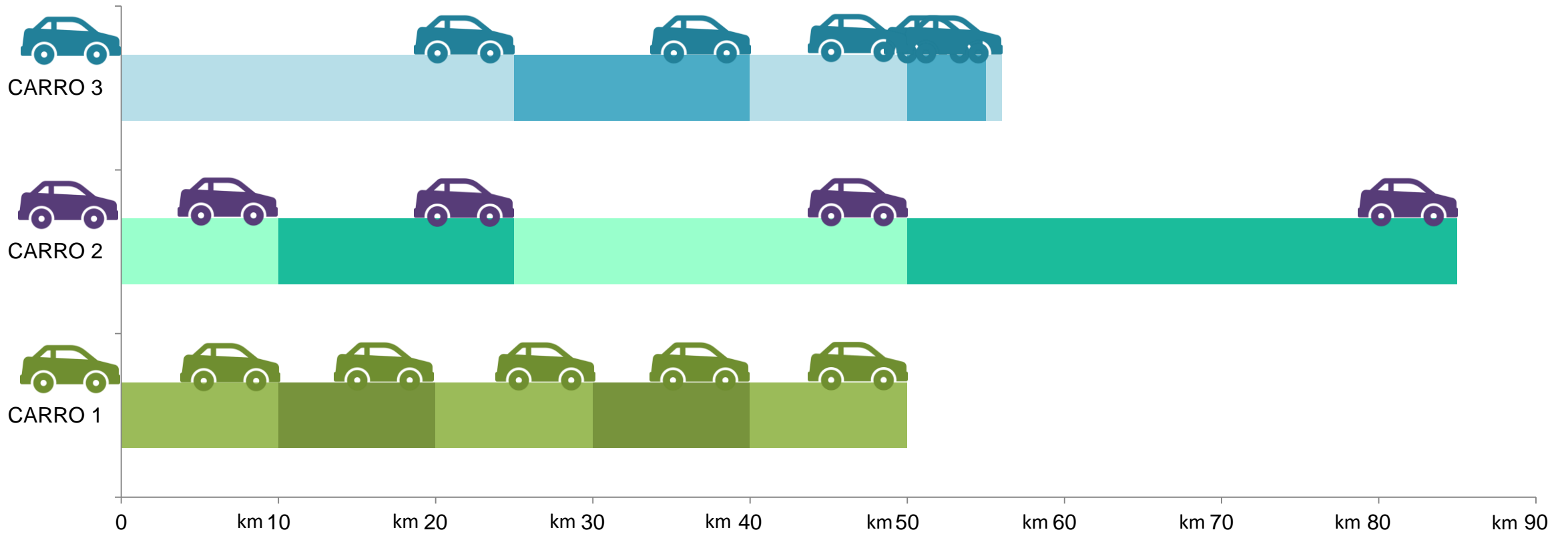






MU

PARA DIREITA
CONSTANTE

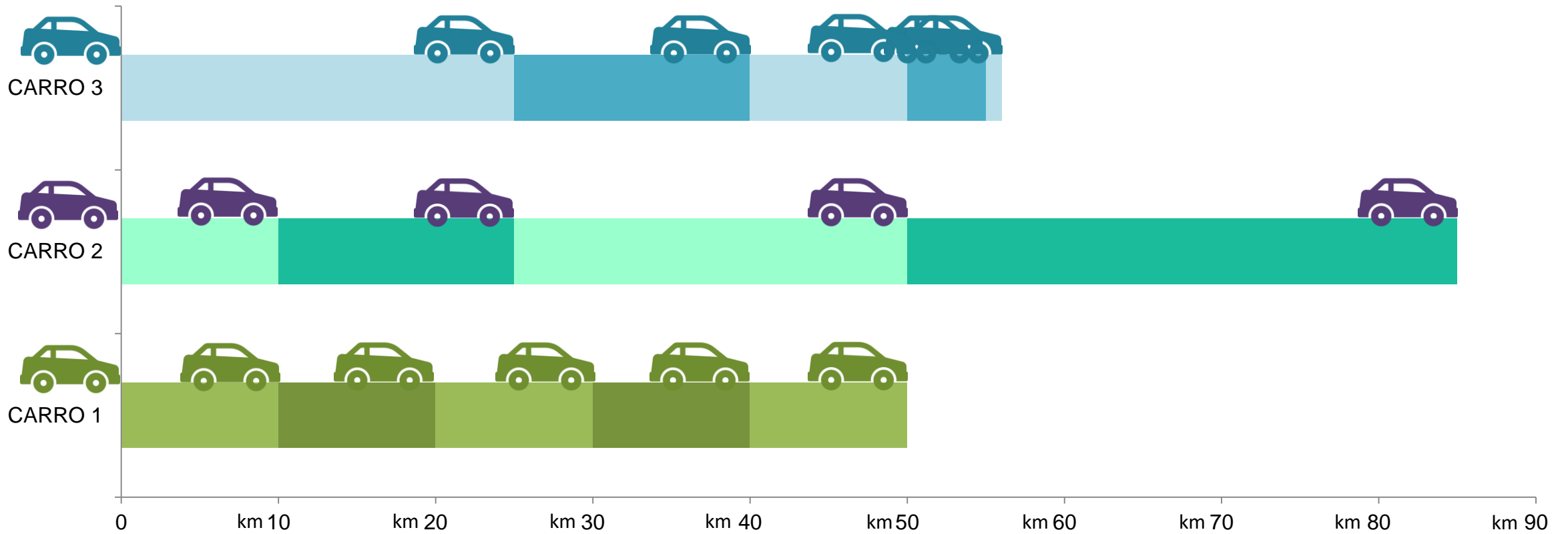


MU

MUV

PARA DIREITA
CONSTANTE

PARA DIREITA
ACELERANDO



MU

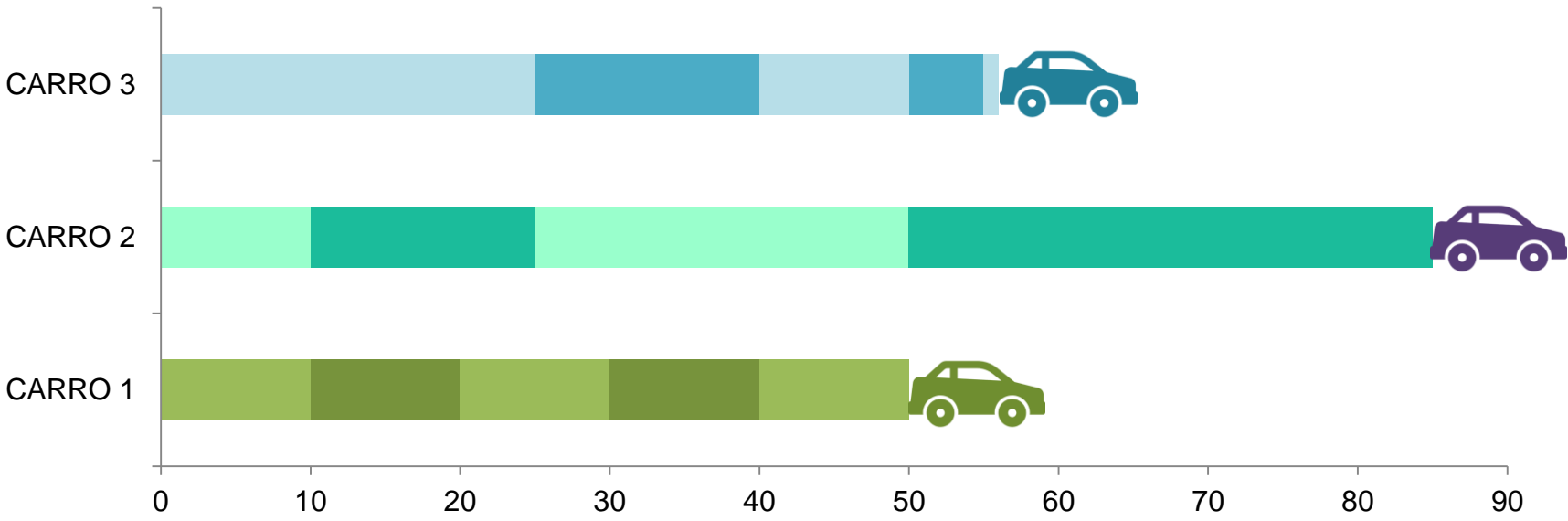
MUV

MUV

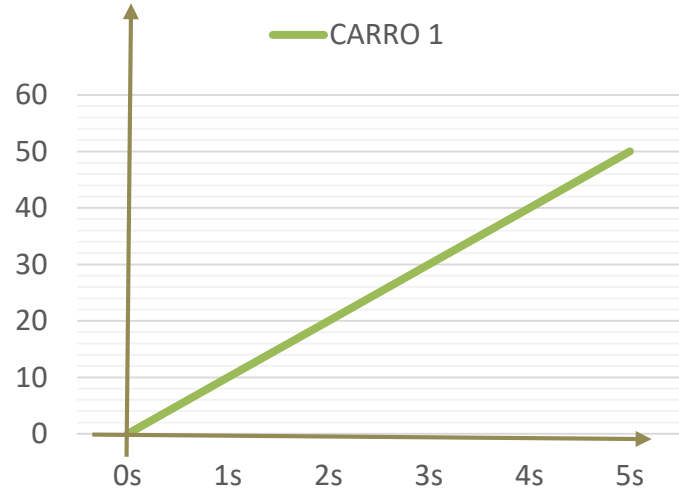
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CONSTANTE

PARA DIREITA
ACELERANDO

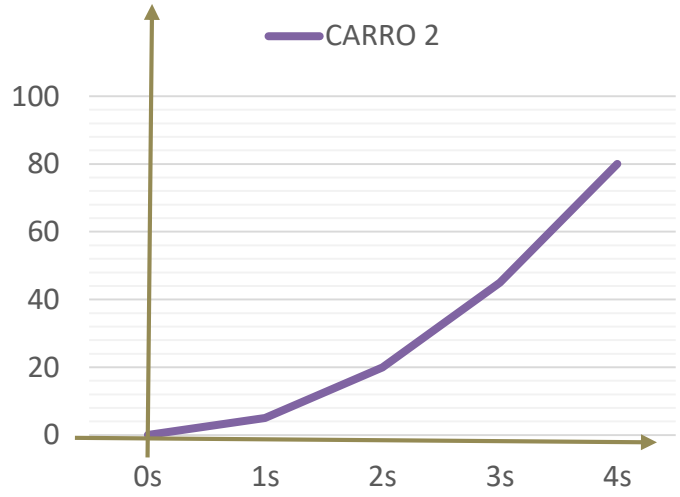
PARA DIREITA
FREIANDO



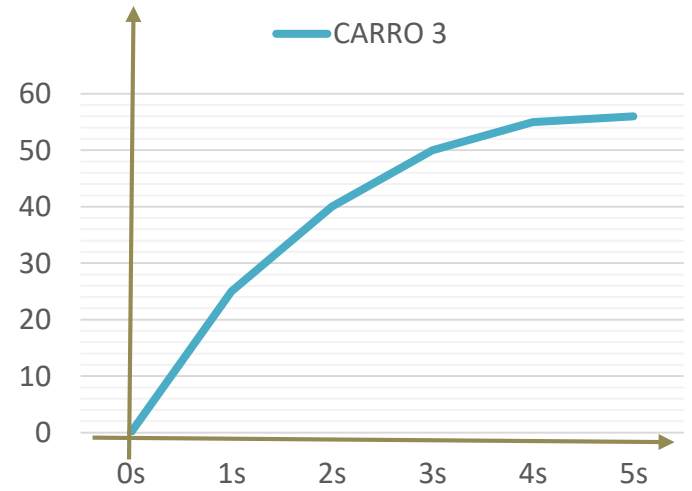
CARRO 1

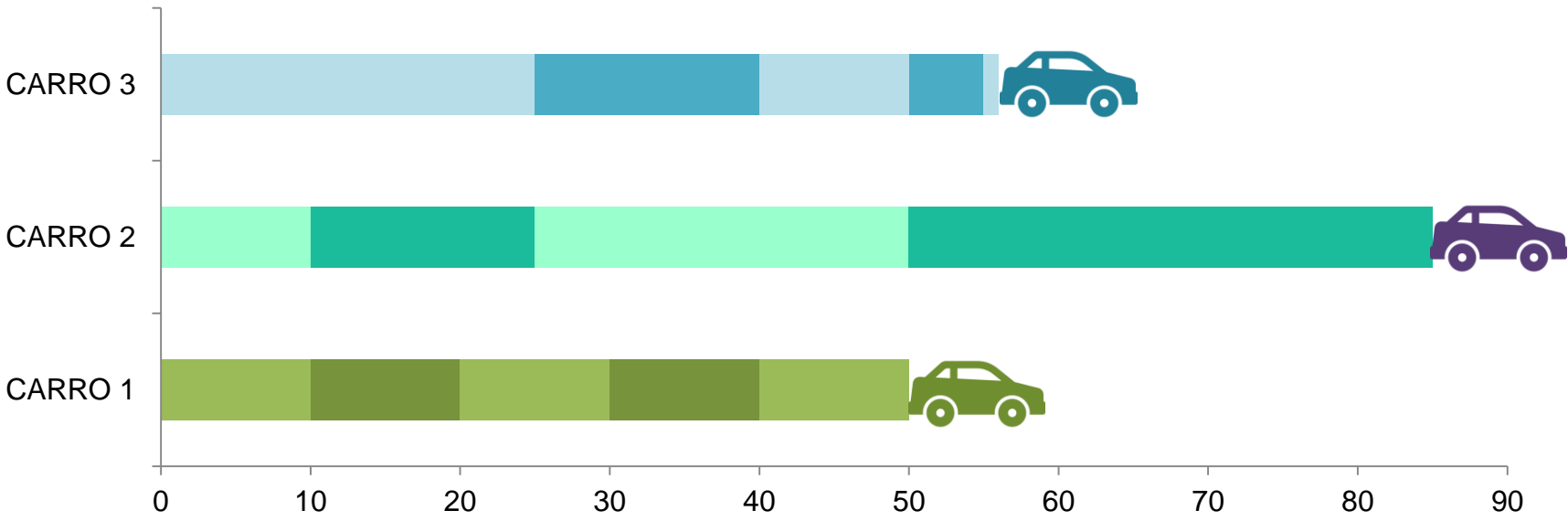


CARRO 2



CARRO 3

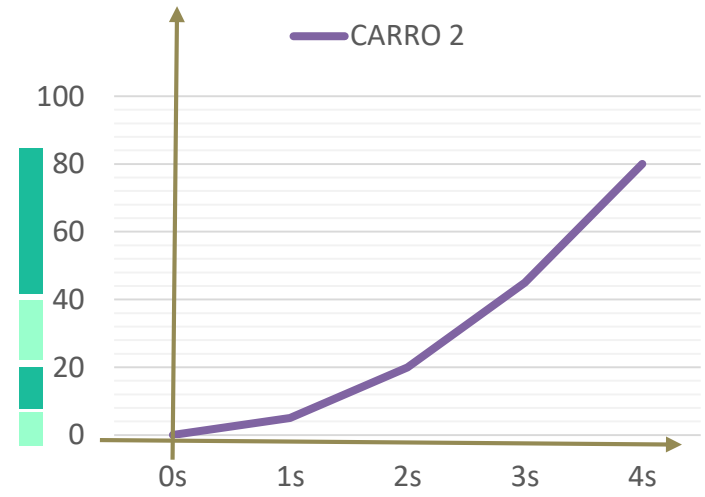




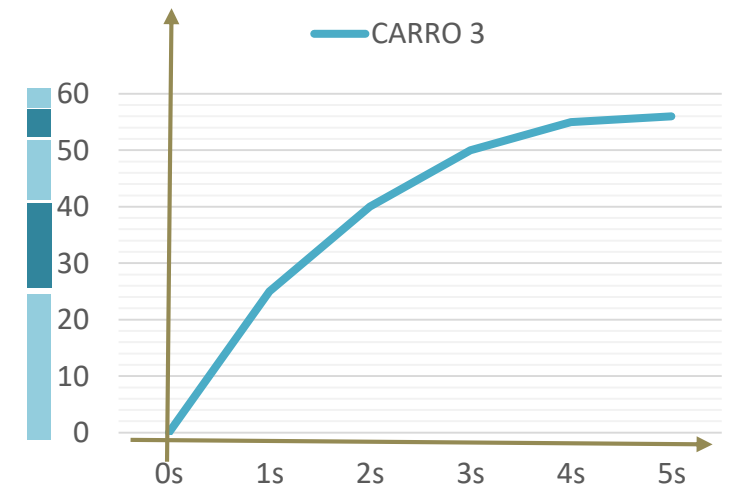
CARRO 1



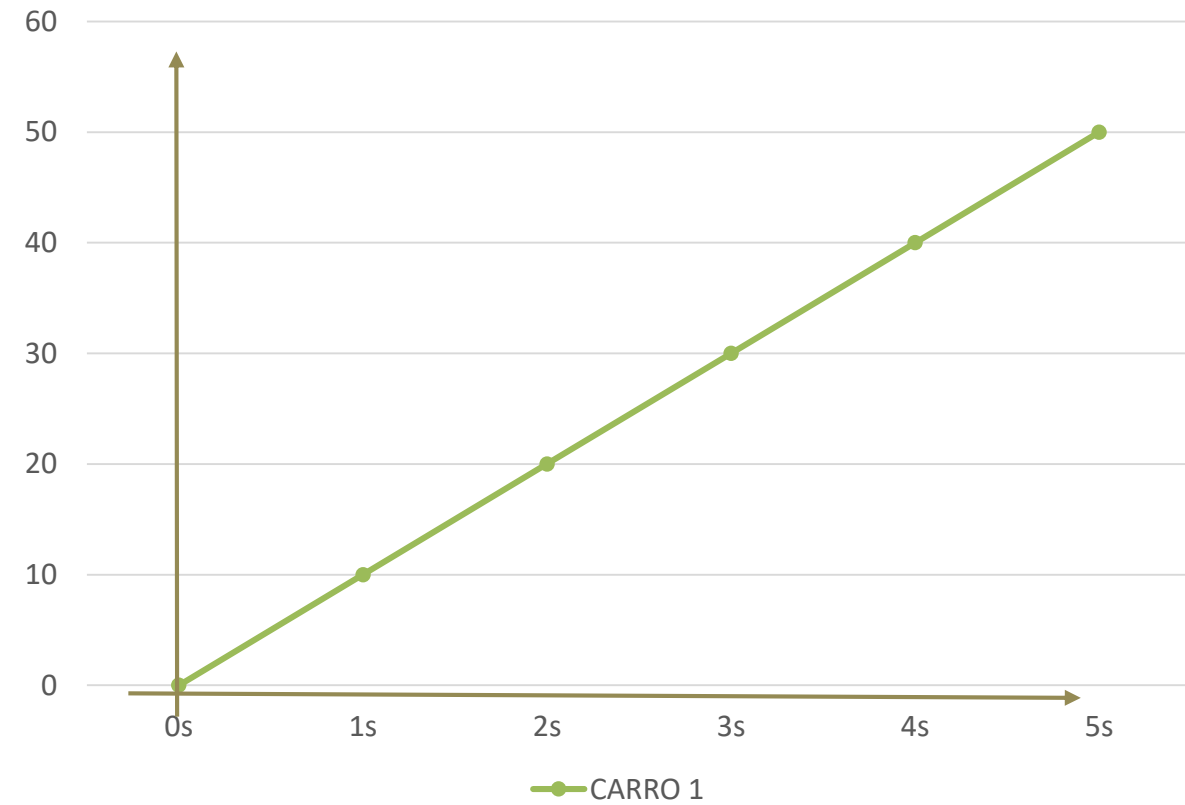
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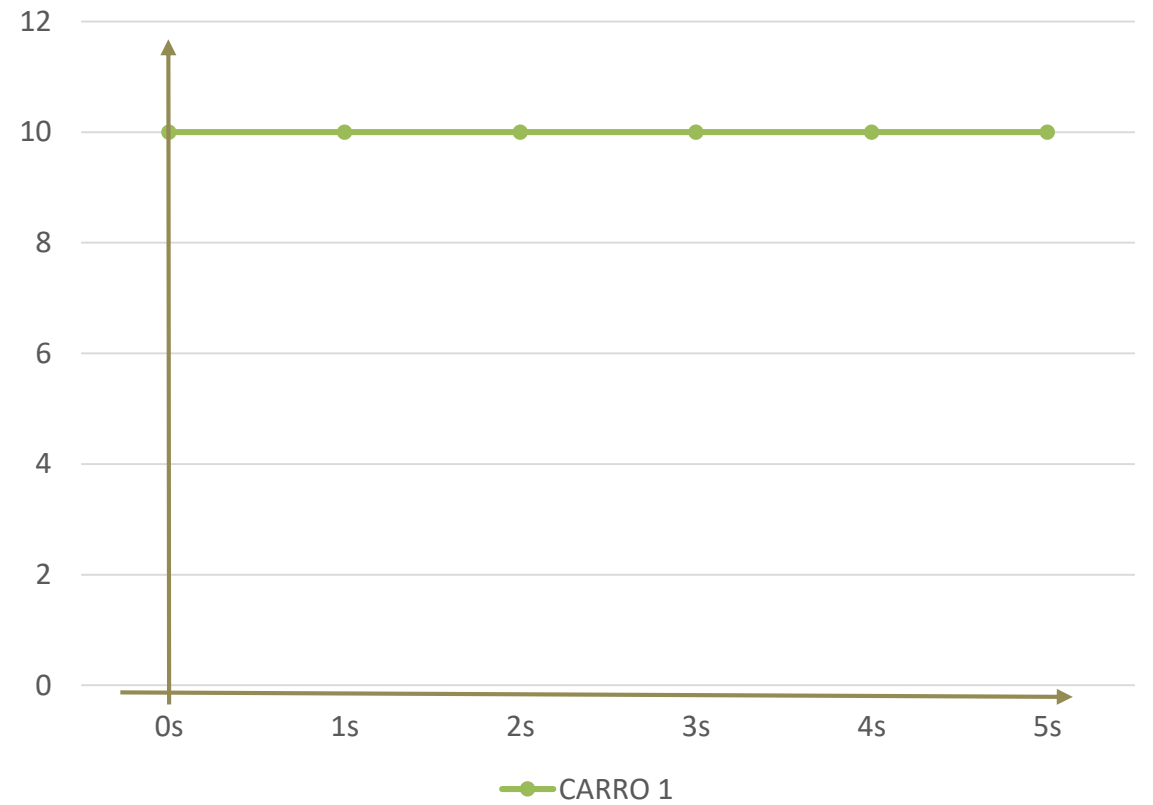
CARRO 3



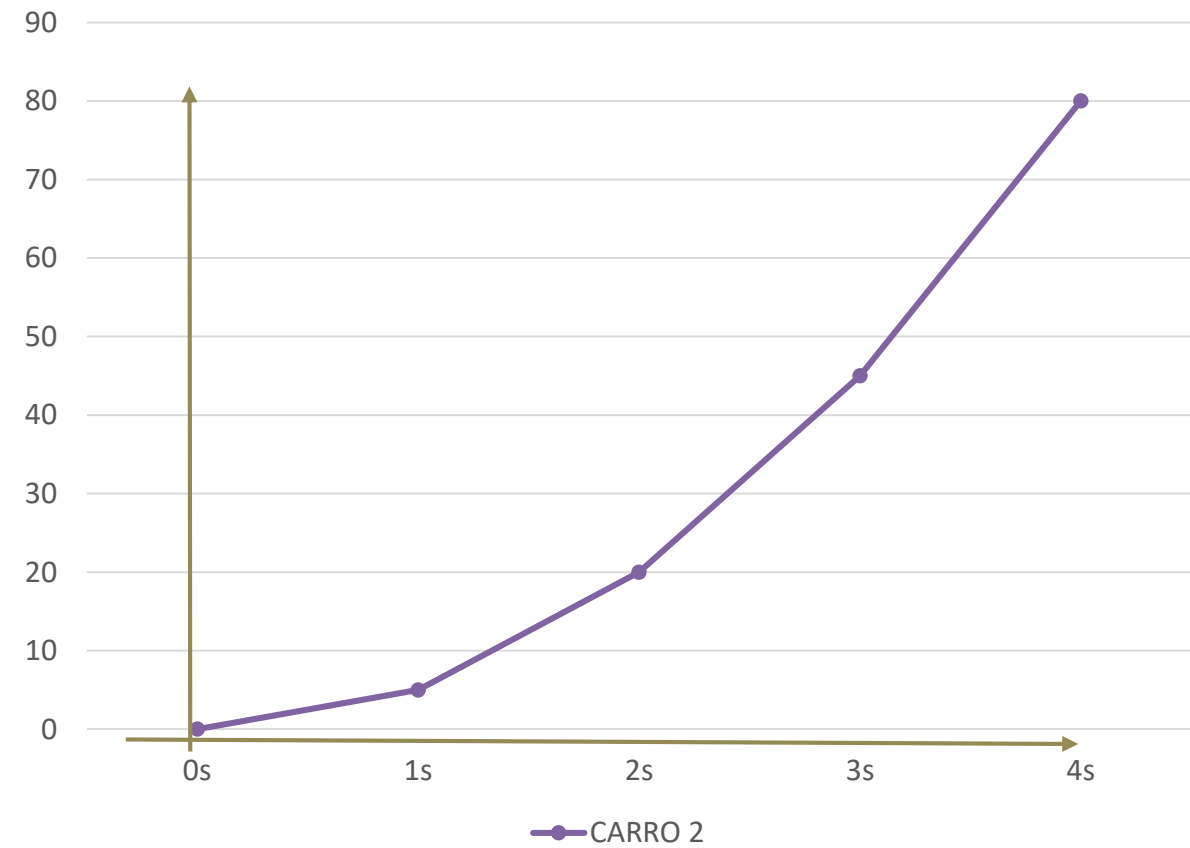
Posição



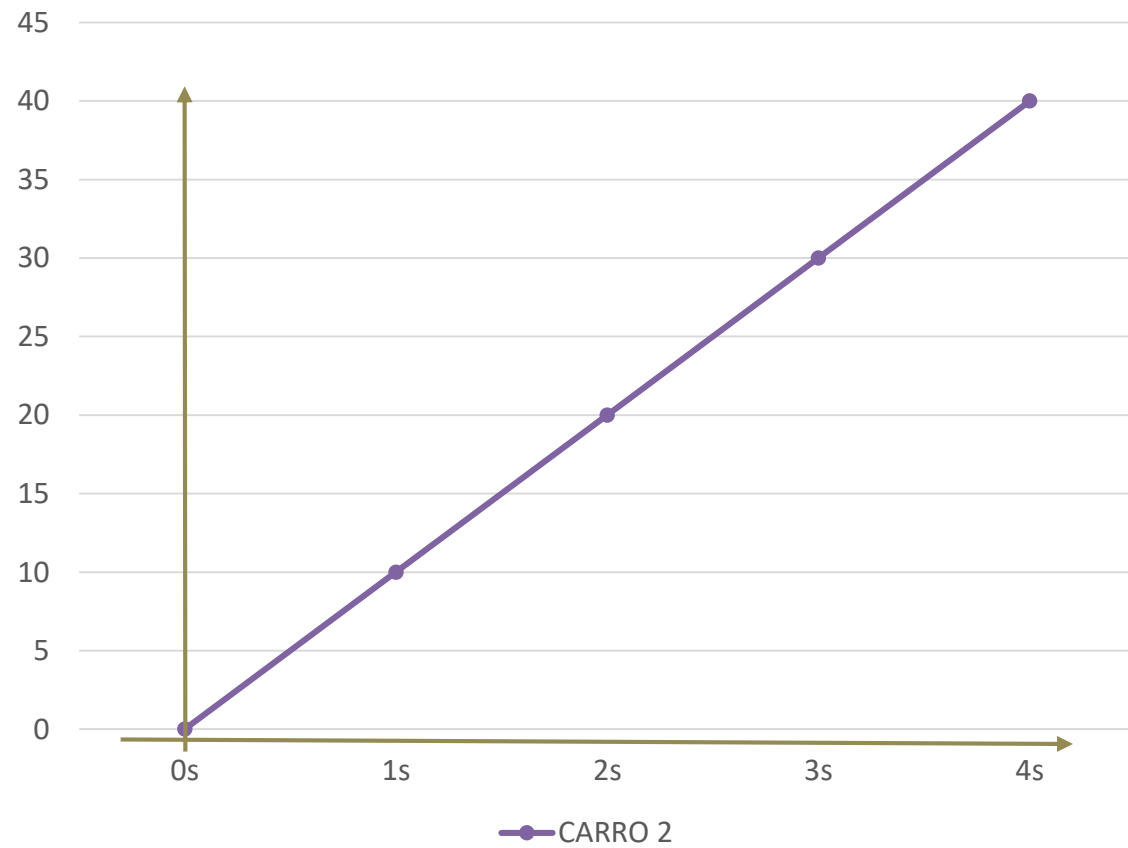
Velocidade

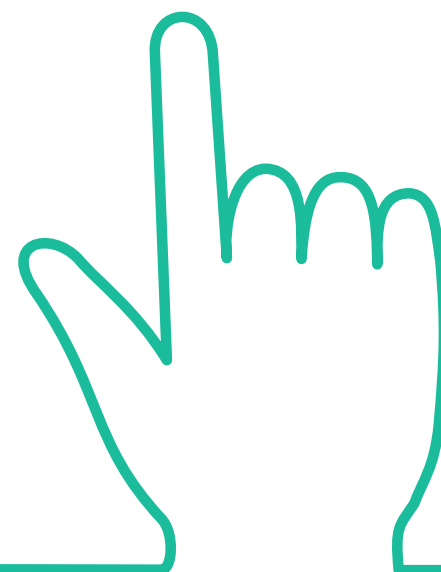
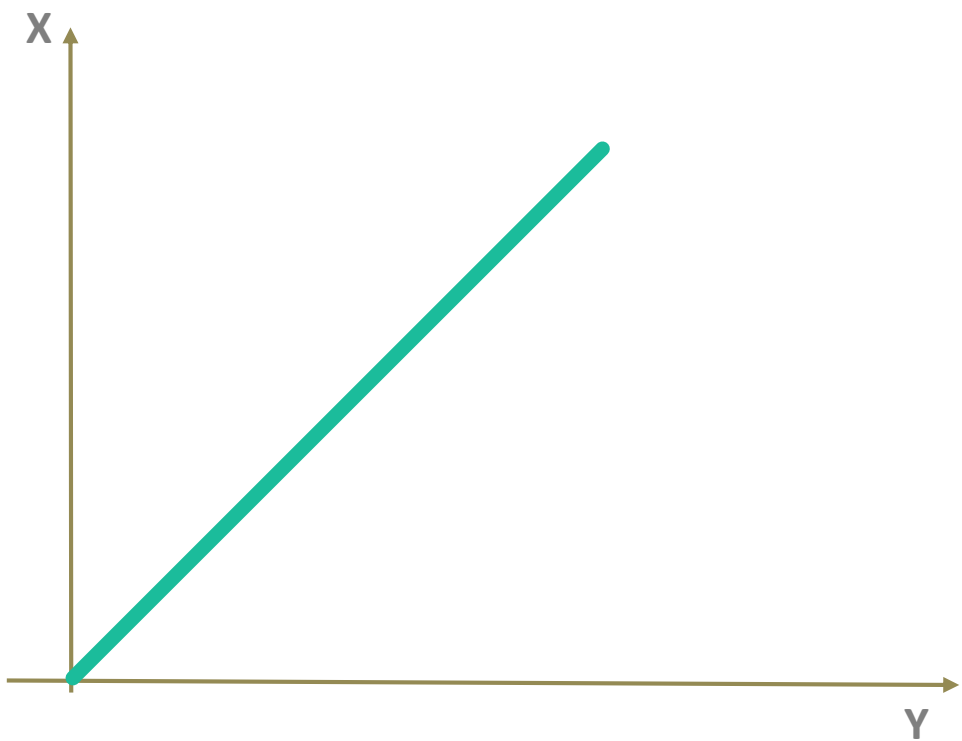


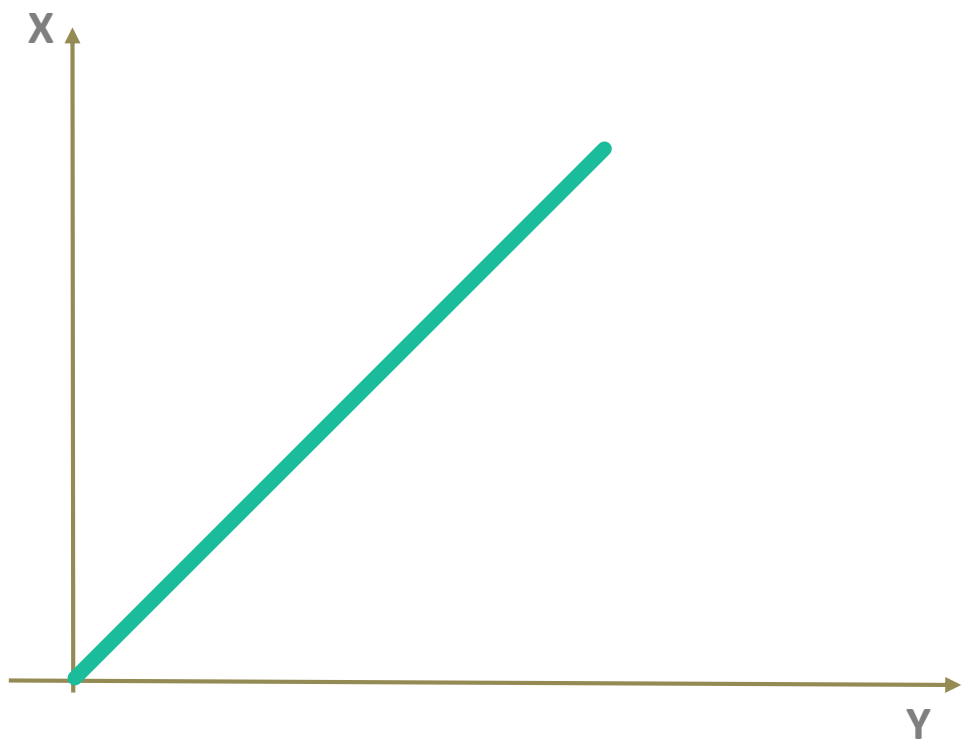
Posição



Velocidade



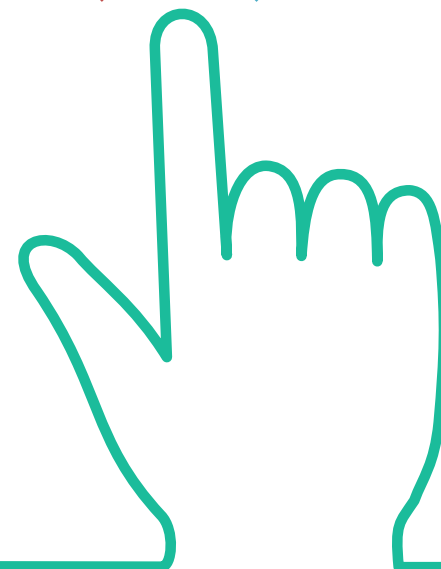
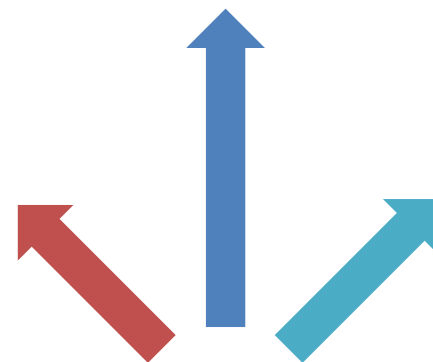


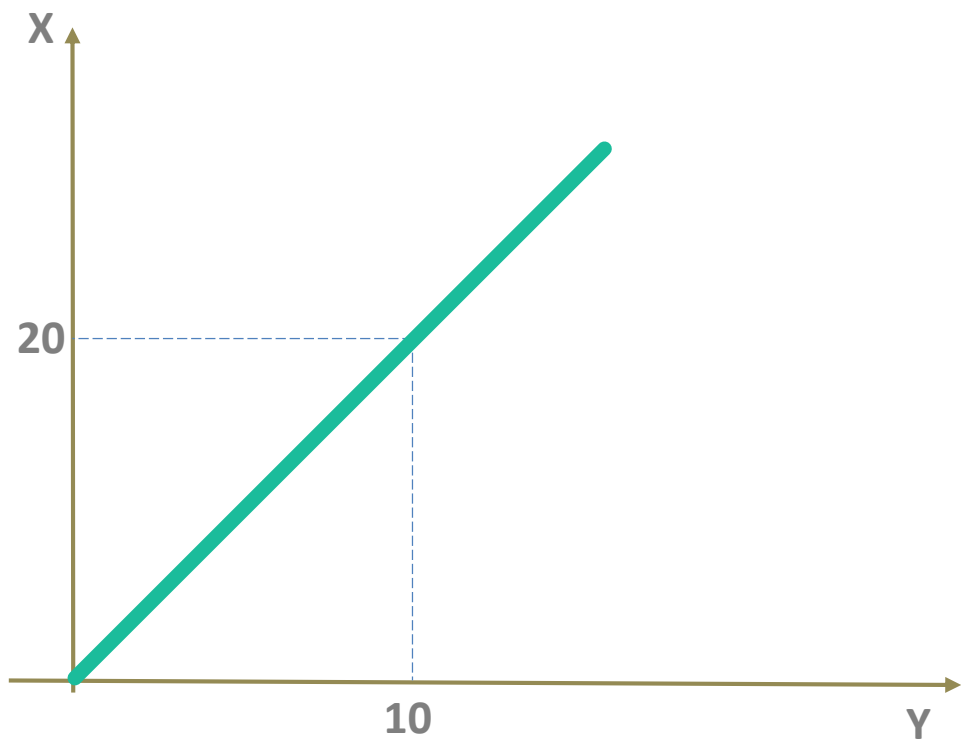


TANGENTE

LEITURA
DIRETA

ÁREA

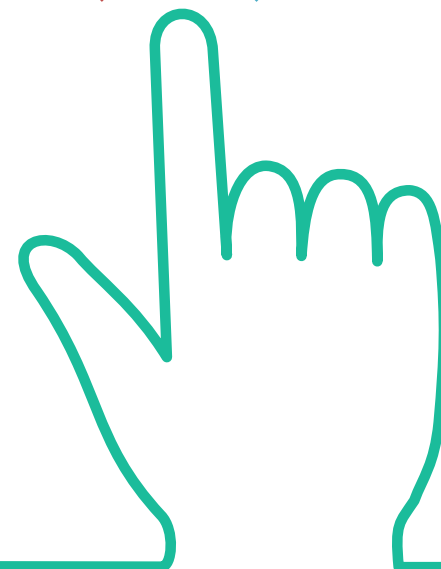
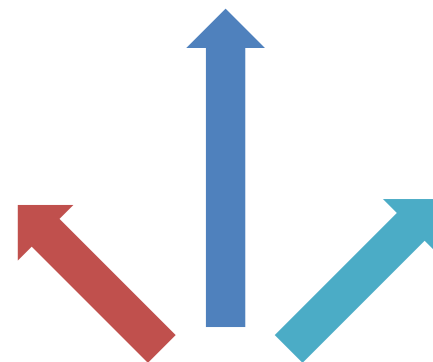


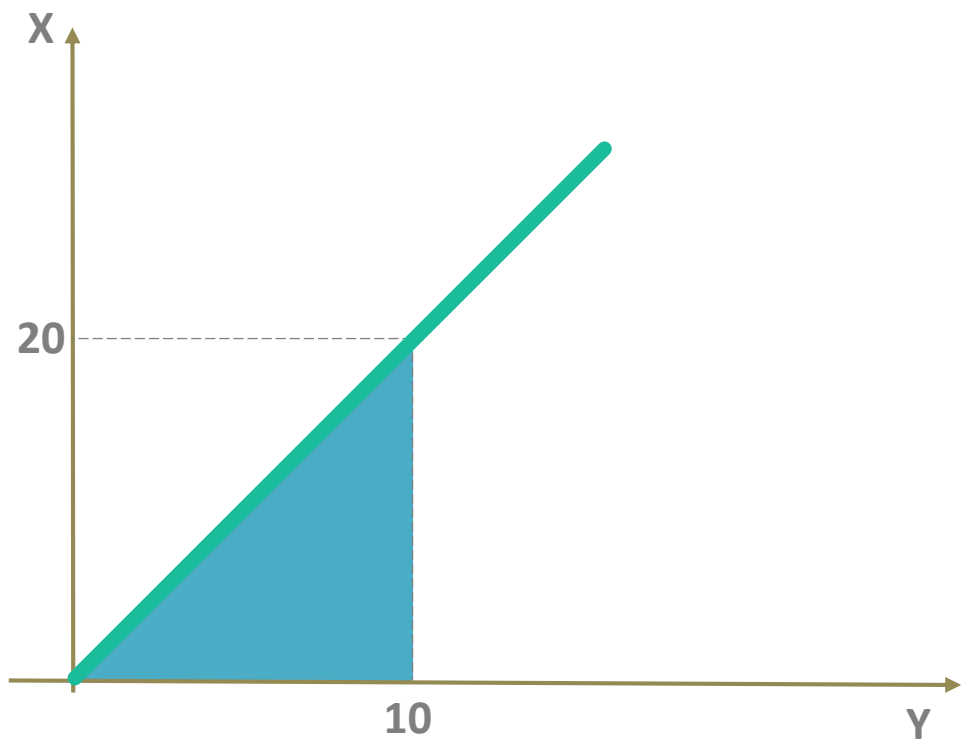


TANGENTE

LEITURA
DIRETA

ÁREA

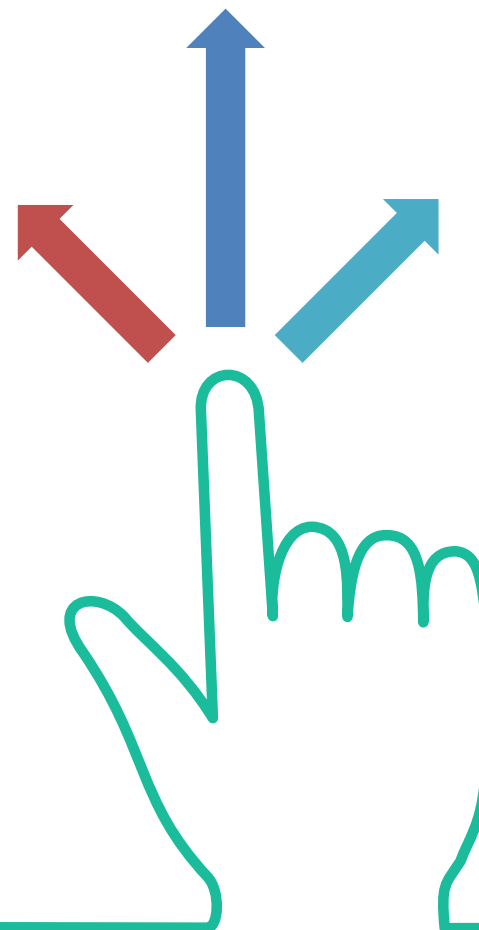




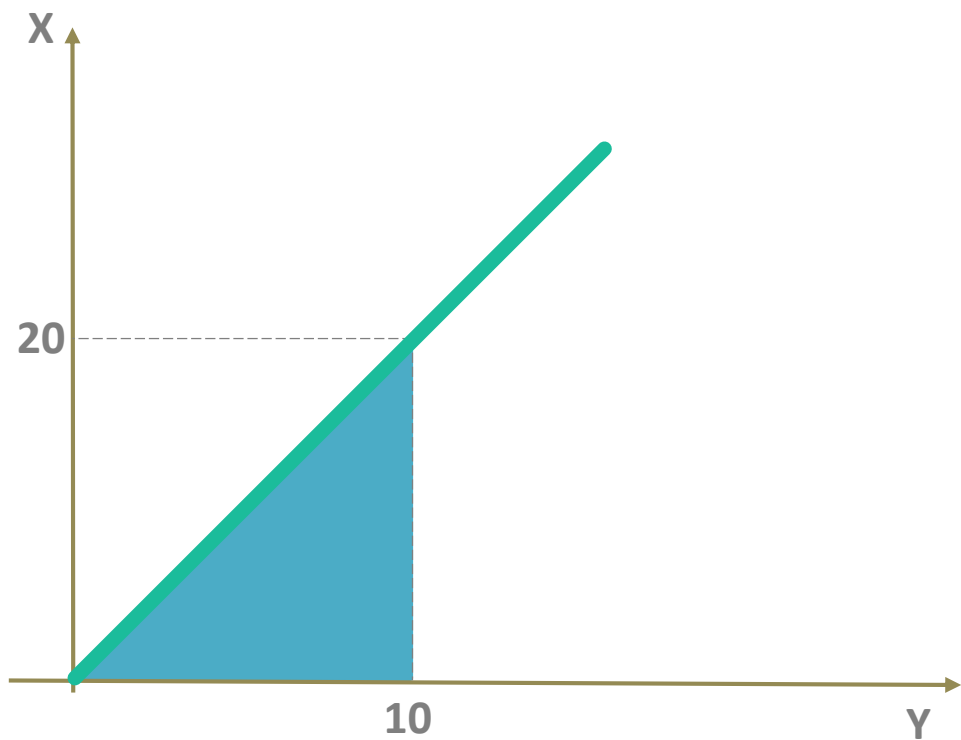
TANGENTE

LEITURA
DIRETA

ÁREA



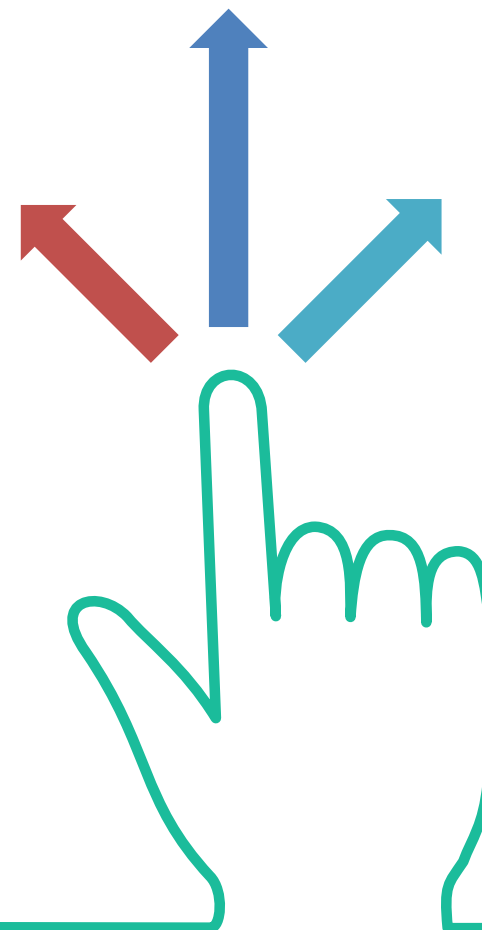
$$\text{ÁREA} = \underline{X} \times \underline{Y}$$



TANGENTE

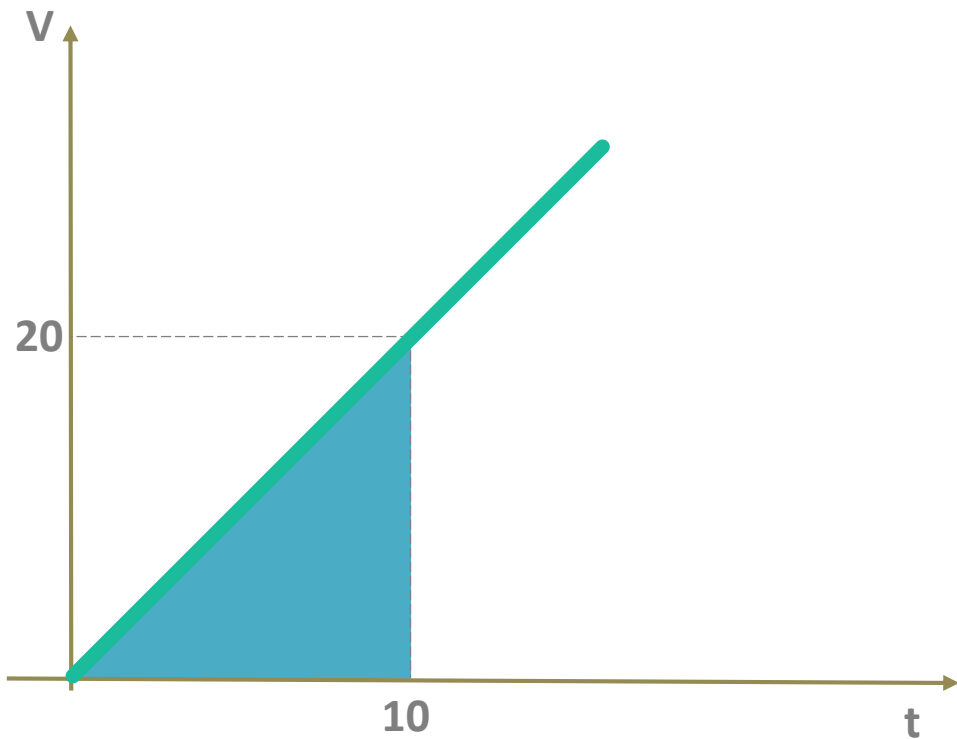
LEITURA
DIRETA

ÁREA



$$\text{ÁREA} = \underline{X} \times \underline{Y}$$

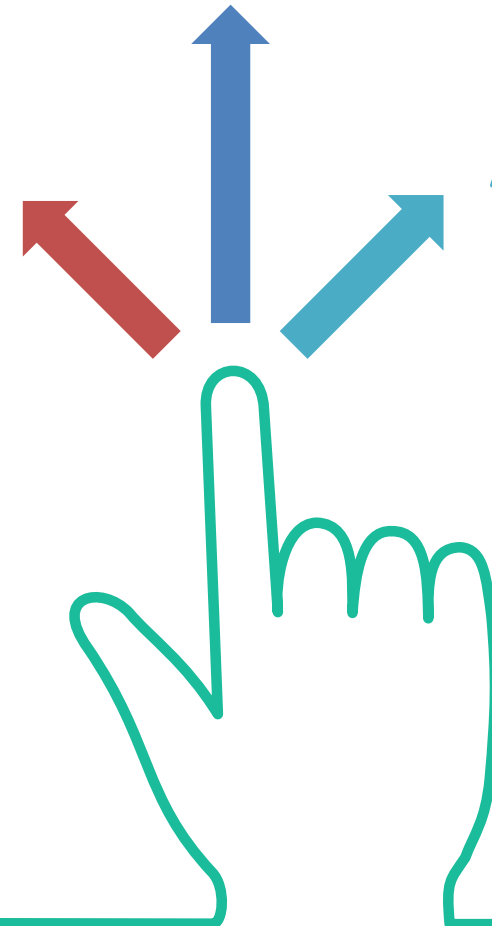
$$\text{ÁREA} = \underline{V} \times \underline{t}$$



TANGENTE

LEITURA
DIRETA

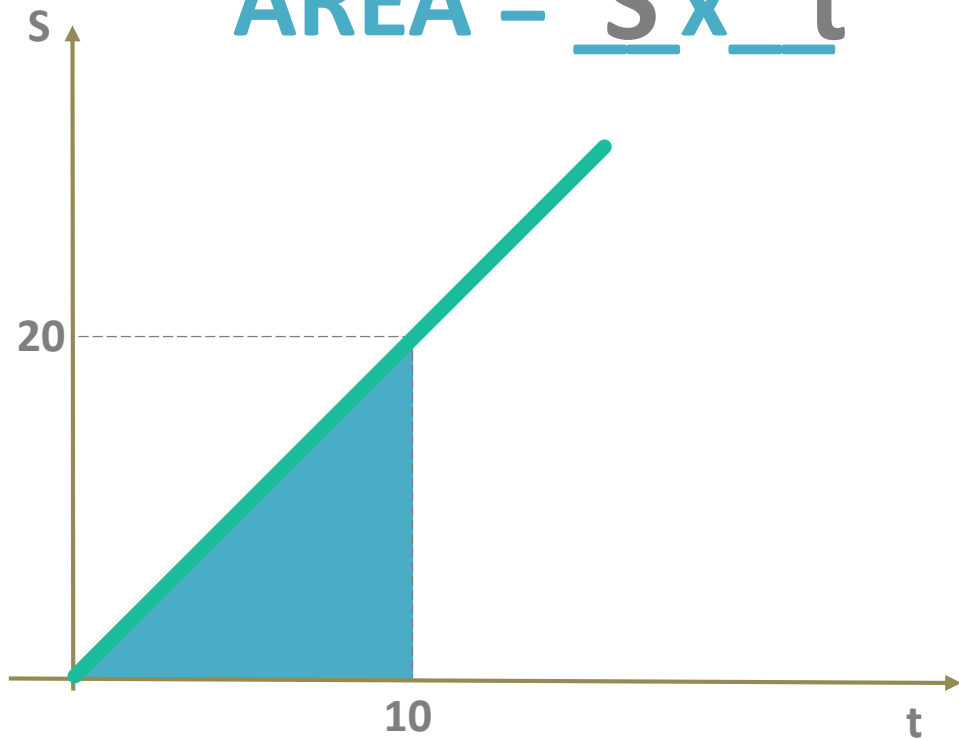
ÁREA



$$\text{ÁREA} = \underline{X} \times \underline{Y}$$

$$\text{ÁREA} = \underline{V} \times \underline{t}$$

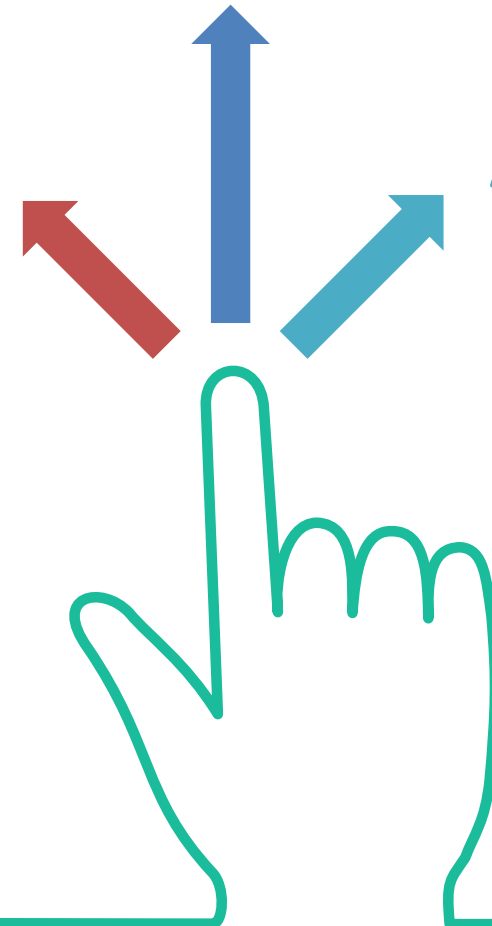
$$\text{ÁREA} = \underline{S} \times \underline{t}$$

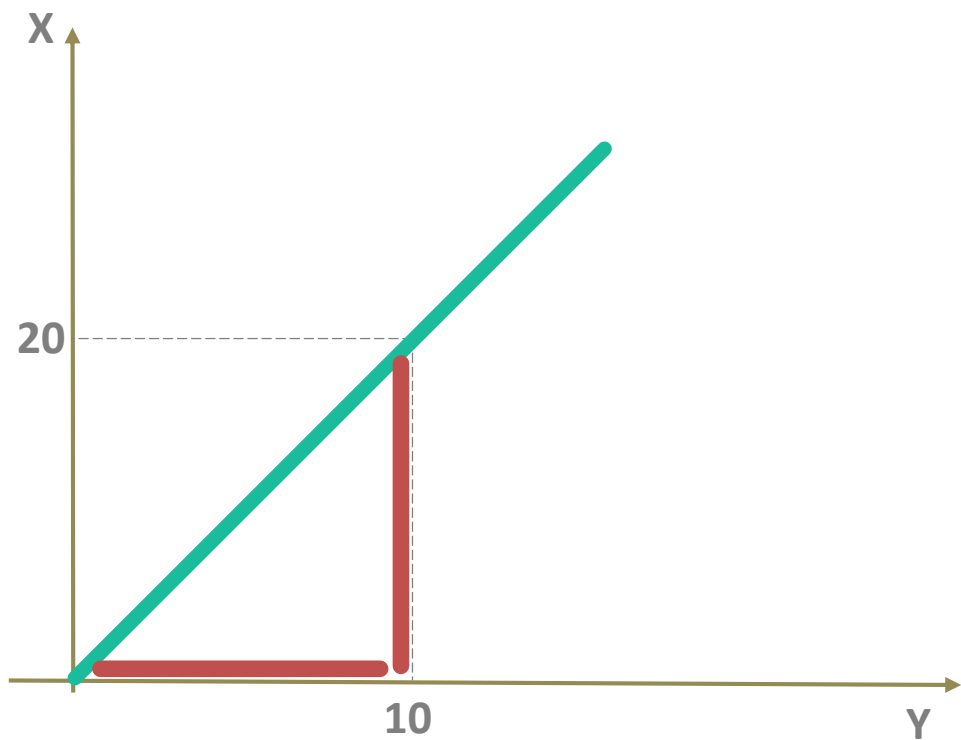


TANGENTE

LEITURA
DIRETA

ÁREA

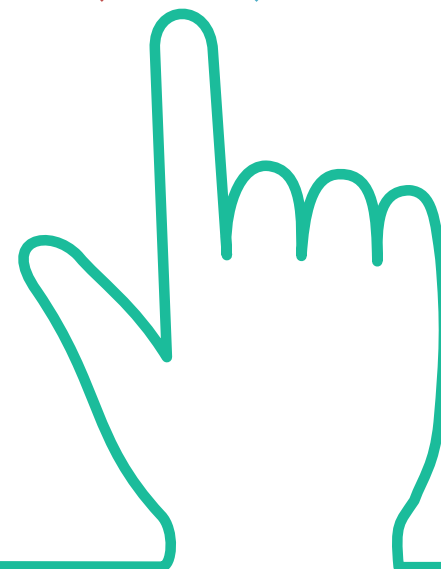
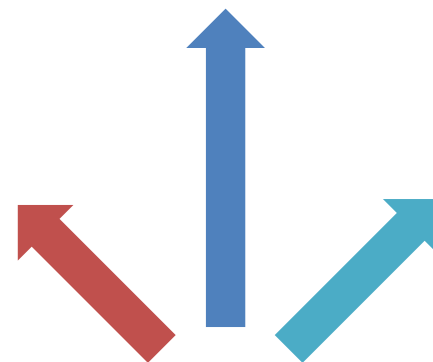




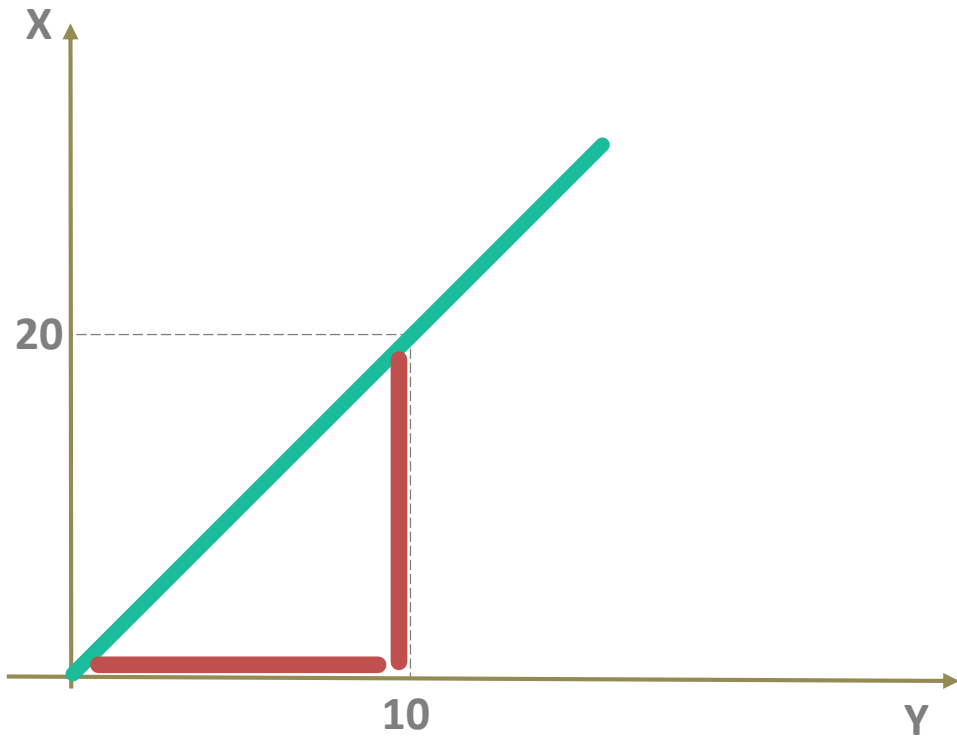
TANGENTE

**LEITURA
DIRETA**

ÁREA



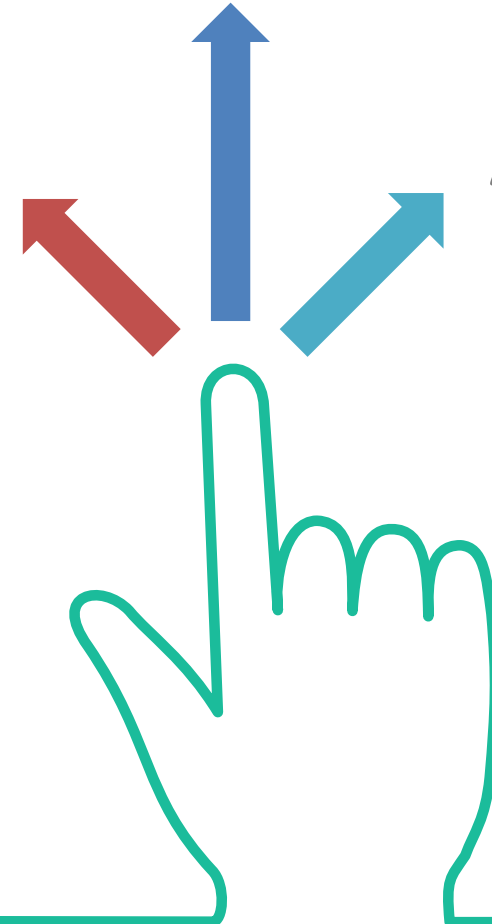
$$\text{tg} = \frac{X}{Y}$$



TANGENTE

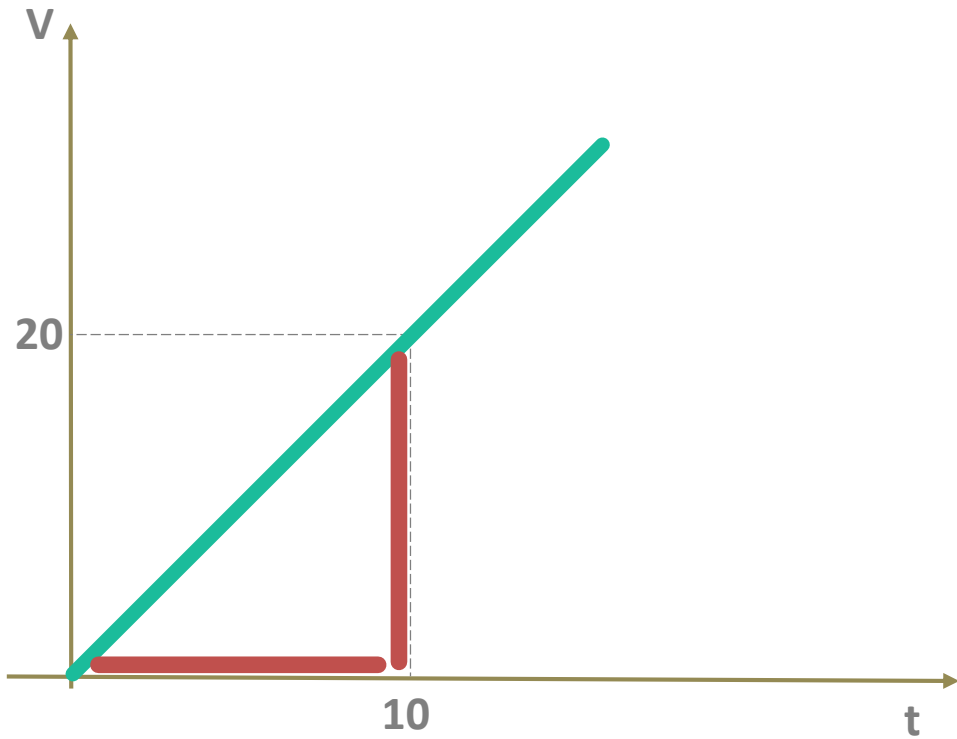
**LEITURA
DIRETA**

ÁREA



$$\text{tg} = \frac{X}{Y}$$

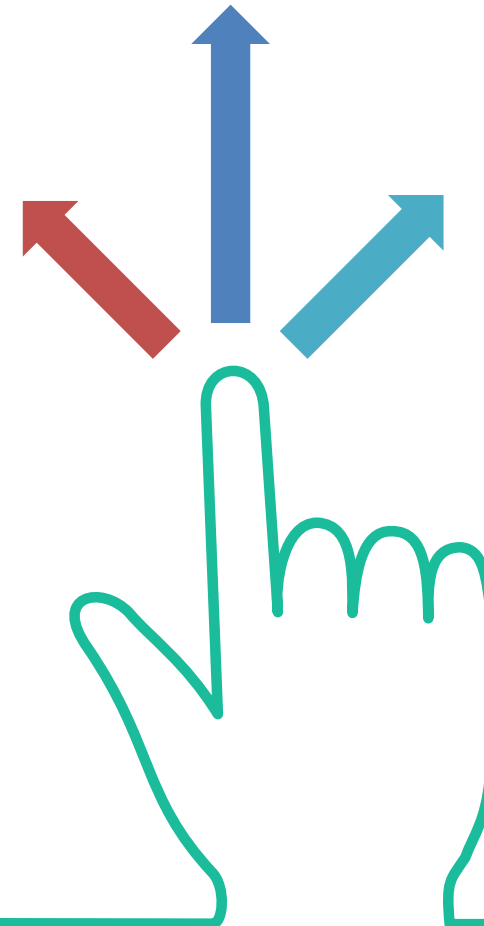
$$\text{tg} = \frac{V}{t}$$



TANGENTE

**LEITURA
DIRETA**

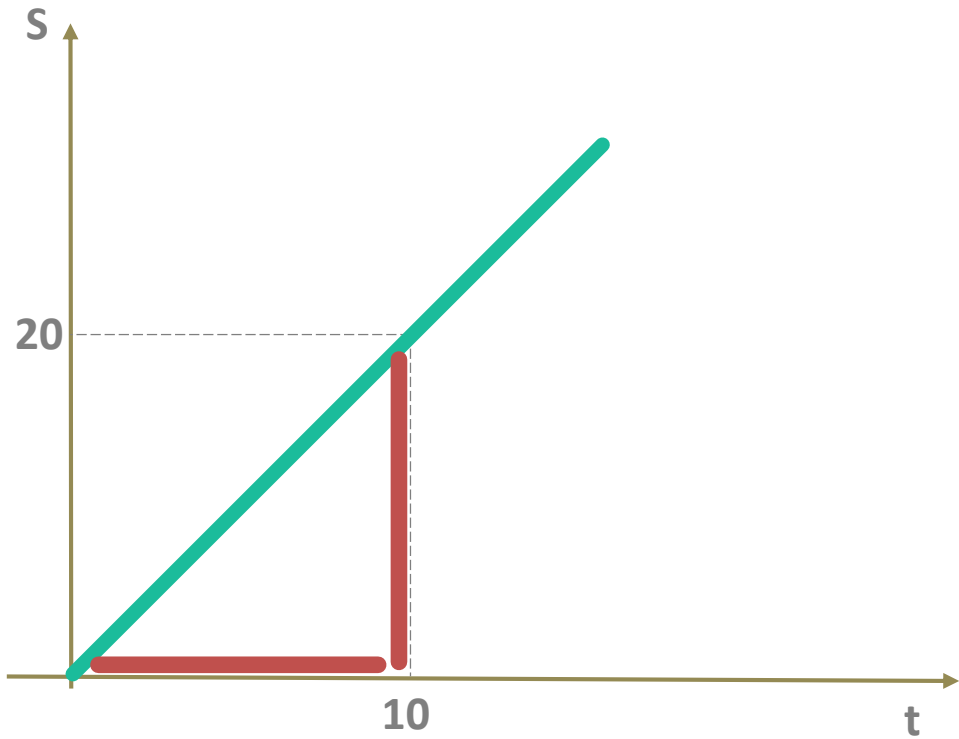
ÁREA



$$\text{tg} = \frac{X}{Y}$$

$$\text{tg} = \frac{V}{t}$$

$$\text{tg} = \frac{S}{t}$$



TANGENTE

**LEITURA
DIRETA**

ÁREA

