

11

$$25(x + 0,2) = 40x$$

$$: \mathbb{R} \quad (*)$$

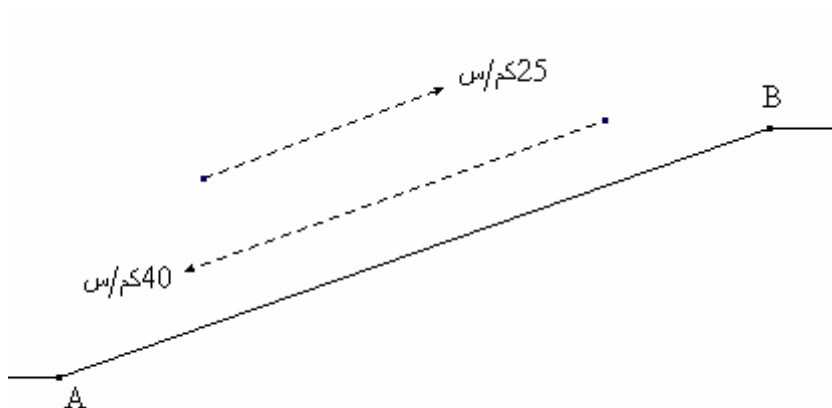
$$/ \quad 40$$

$$AB$$

$$/ \quad 25$$

$$12$$

$$[AB] \quad (*)$$



1

$$y \in \left[-\frac{2}{3}; \frac{2}{3} \right]$$

$$|x| \leq 3$$

$$y \leq x \quad (1)$$

$$\frac{1}{x+5}$$

$$(x+5) \quad -1$$

$$xy \quad (x^2 - 3y)$$

$$G = \frac{2x-1}{x+5}$$

$$G \quad -2$$

$$G$$

$$G = 2 - \frac{11}{x+5}$$

$$G = 0$$

$$G = 1,2$$

$$\mathbb{R} \quad -3$$



2 •

- $E = 3x - 5$: E
 $x = \frac{-7}{6}$ E - .1
 $|E| = 1$ x -
- $F = (3x - 5)^2$: .2
 $x = \sqrt{2}$ F -
 $43 \quad 30\sqrt{2}$ -
- $|x| \leq \frac{1}{3}$ $\frac{F}{4} \in [4;9]$ -
 $F = 16$: \mathcal{R} - .3
 $\sqrt{F} > 1$: \mathcal{R} -
- $G = (9x^2 - 30x + 25) - (2x + 1)^2$: G .4
 $G = (5x - 4)(x - 6)$: G -
 $x \in]1;2[$ G -
- $G = 5x^2 - 34x + 24$: - .5
 $5x^2 - 34x + 24 = 0$: \mathcal{R} -
 $G > 5x^2 - 31x + 29$: $(0,1)$ -



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2010/2009