

Tugas kalkulus

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* TM_2

slb. $2,56565656 \dots$

↳ misalkan x maka

$$100x = 256,5656 \dots$$

$$100x - x = 256,5656 - 2,565656 \dots$$

$$99x = 254$$

$$x = \frac{254}{99}$$

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* TM_3

5.) $2x - 4 \leq 6 - 7x \leq 3x + 6$

↳ (i) $2x - 4 \leq 6 - 7x$ (ii) $6 - 7x \leq 3x + 6$

↳ $2x + 7x \leq 6 + 4$ ↳ $-7x - 3x \leq 6 - 6$

$$9x \leq 10$$

$$-10x \leq 0$$

$$x \leq \frac{10}{9}$$

$$10x \geq 0$$

$$x \geq 0$$

$$HP = \{x | 0 \leq x \leq \frac{10}{9}\}$$

