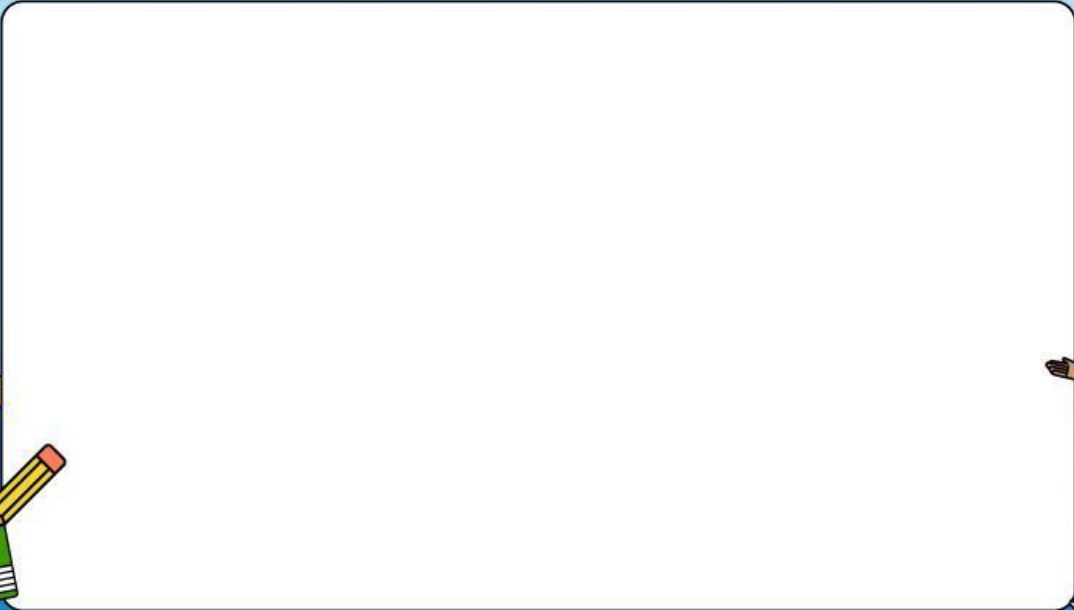




One Variable Linier Inequalities

Pertidaksamaan Linier Satu Variabel

Watch the following video material



Practice

Determine the solution to the following inequality

1

$$x - 5 > 8$$

$$x - 5 + \dots > 8 + \dots$$

$$x > \dots$$

So, the value of x that satisfies this is $x > \dots$



2

$$x + 17 < 9$$

$$x + 17 - \dots < 9 - \dots$$

$$x < \dots$$

So, the value of x that satisfies this is $x < \dots$

3

$$x + 4 \leq -7$$

$$x + 4 - \dots \leq -7 - \dots$$

$$x \leq \dots$$

So, the value of x that satisfies is $x \leq \dots$

**4**

$$7 + 2x \geq -3$$

$$7 - \dots + 2x \geq -3 - \dots$$

$$\frac{2x}{\dots} \geq \frac{\dots}{\dots}$$

$$x \geq \dots$$

So, the value of x that satisfies is $x \geq \dots$

3

$$3x - 16 > -5x$$

$$3x - \dots - 16 > -5x - \dots$$

$$\frac{-16}{\dots} > \frac{\dots x}{\dots}$$

$$\dots < x$$

$$\text{or } x > \dots$$

So, the value of x that satisfies this is $x > \dots$



Let's think harder to solve this problem

Given that the total price of 4 pieces of cake, each costing 2,400 rupiah, and several puddings, each costing 900 rupiah, is 4,500 rupiah. How many puddings should be purchased?

Answer :