

$$1 \text{ a) } \frac{5}{x} + \frac{3}{2x^2 - 3x} = \frac{1}{2x - 3}$$

$$\frac{5}{x} + \frac{3}{x \cdot (2x - 3)} = \frac{1}{2x - 3}$$

$$\frac{5 \cdot (2x - 3)}{x \cdot (2x - 3)} + \frac{3}{x \cdot (2x - 3)} = \frac{x}{x \cdot (2x - 3)}$$

$$10x - 15 + 3 = x$$

$$10x - x = 15 - 3$$

$$9x = 12 \Rightarrow x = \frac{12}{9} \Rightarrow \boxed{x = \frac{4}{3}}$$

$$b) \frac{1}{x - 2} + \frac{1}{x + 2} = \frac{1}{x^2 - 4}$$

$$\frac{1}{x - 2} + \frac{1}{x + 2} = \frac{1}{(x - 2)(x + 2)}$$

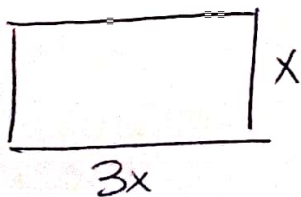
$$\frac{x + 2}{(x - 2)(x + 2)} + \frac{x - 2}{(x - 2)(x + 2)} = \frac{1}{(x - 2)(x + 2)}$$

$$x + 2 + x - 2 = 1$$

$$x + x = 1$$

$$2x = 1 \Rightarrow \boxed{x = \frac{1}{2}}$$

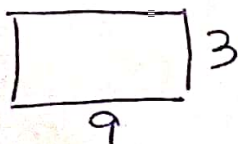
2.-



$$P = 24 \Rightarrow 3x + x + 3x + x = 24$$

$$8x = 24$$

$$x = \frac{24}{8} = 3$$



$$\Rightarrow \text{Área del rectángulo: } 3 \cdot 9 = 27$$

$$\square = 4$$

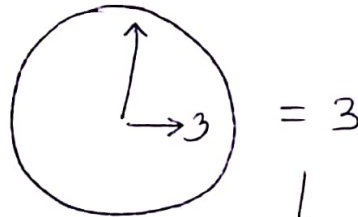
$$\text{pentagon} = 5$$

$$\text{hexagon} = 6$$



Cada plátano vale 1

Como el número de lados que tienen



↓
lo que indica la hora (la manecilla pequeña)

$$\text{clock} + \text{bananas} + \text{bananas} \times \text{pentagon} = ?$$

$$2 + 3 + 3 \times 11 = \boxed{38}$$