Atividade 05

- $x \cdot y = xy$
- $a \cdot b = ba$
- $c \cdot c = c^2$
- $z \cdot z \cdot y = z^2 y$

- $1x = x$
- $y \cdot (-1) = -y$
- $(2k) \cdot (4l) = 8kl \rightarrow (2k) \cdot (4l) = 2 \cdot k \cdot 4 \cdot l = 2 \cdot 4 \cdot k \cdot l = 8kl$
- $x^2 \cdot x^3 = x^5$
- $(-3x^2) \cdot (2x^3) = -6x^5$

- $x(a + b) = xa + xb$
- $2x^2(x + 3y) = 2x^3 + 2x^2y$

- $\frac{8}{12} = \frac{2}{3}$
- $\frac{8}{12}x = \frac{8x}{12}$
- $\frac{8x}{12} = \frac{2x}{3}$
- $\frac{y^3}{y} = y^2$
- $\frac{18x}{6x^3} = \frac{3}{x^2}$

- $x + x = 2x$
- $3k + 4k = 7k$
- $2xy + 9xy = 11xy$
- $3ab - 10ab = -7ab$
- $4a + 5b - a + 3b = 3a + 8b$

- $\frac{3}{8}x - \frac{5}{12}y + x =$ mmc(8;12)=24

$\frac{9}{24}x - \frac{10}{24}y + \frac{24}{24}x =$

$\frac{9x - 10y + 24x}{24} = \frac{33x - 10y}{24}$

- $-x = (-1)x$
- $-x - 2x = -3x$
- $-(x-2x) = (-1)(x-2x)$

$= (-1)x + (-1)(-2x)$

$= -x + 2x$

$= x$

- $-(a+b) = -a - b$
- $-(a-b) = -a + b$