

One inline formula (accessible and tagged?) $x = -\frac{b}{a}$

Another inline formula ($\$ \dots \$$, accessible,when compile in lualatex and tagged?)
 $3 + 3 = 6$

one centered formula, without label (equation*, accessible and tagged?):

$$ax^2 + bx + 1c = 0$$

one centered formula, without label ($\$ \$ \dots \$ \$$, accessible,when compile in lualatex and tagged?):

$$4ax^2 + 3bx + 2c = 0$$

one centered formula, with label (equation, accessible and tagged?):

$$x = \frac{3a^2}{n+m} \tag{1}$$

several formulas, aligned, with label (alignat, accessible and tagged?):

$$10xy^2 + 15x^2y - 5xy7 = 5 \left(2xy^2 + 3x^2y - xy7 \right) = \tag{2}$$

$$= 5x \left(2y^2 + 3xy - y7 \right) = \tag{3}$$

$$= 5xy \left(2y + 3x - 7 \right) \tag{4}$$

several formulas, aligned, without label (alignat*, accessible and tagged?):

$$20xy^2 + 30x^2y - 10xy7 = 10 \left(2xy^2 + 3x^2y - xy7 \right) =$$

$$= 10x \left(2y^2 + 3xy - y7 \right) =$$

$$= 10xy \left(2y + 3x - 7 \right)$$

several formulas, aligned, with label (xalignat, accessible and tagged?):

$$30xy^2 + 45x^2y - 15xy7 = 15 \left(2xy^2 + 3x^2y - xy7 \right) = \tag{5}$$

$$= 15x \left(2y^2 + 3xy - y7 \right) = \tag{6}$$

$$= 15xy \left(2y + 3x - 7 \right) \tag{7}$$

several formulas, aligned, without label (xalignat*, accessible and tagged?):

$$40xy^2 + 60x^2y - 20xy7 = 20 \left(2xy^2 + 3x^2y - xy7 \right) =$$

$$= 20x \left(2y^2 + 3xy - y7 \right) =$$

$$= 20xy \left(2y + 3x - 7 \right)$$

several formulas, aligned, without label (xxalignat, accessible and tagged?):

$$\begin{aligned} 50xy^2 + 75x^2y - 25xy7 &= 25 (2xy^2 + 3x^2y - xy7) = \\ &= 25x (2y^2 + 3xy - y7) = \\ &= 25xy (2y + 3x - 7) \end{aligned}$$

several formulas, aligned, with label (align, accessible and tagged?):

$$60xy^2 + 90x^2y - 30xy7 = 30 (2xy^2 + 3x^2y - xy7) = \quad (8)$$

$$= 30x (2y^2 + 3xy - y7) = \quad (9)$$

$$= 30xy (2y + 3x - 7) \quad (10)$$

several formulas, aligned, without label (align*, accessible and tagged?):

$$\begin{aligned} 70xy^2 + 105x^2y - 35xy7 &= 35 (2xy^2 + 3x^2y - xy7) = \\ &= 20x (2y^2 + 3xy - y7) = \\ &= 20xy (2y + 3x - 7) \end{aligned}$$

several formulas, aligned, with label (flalign, accessible and tagged?):

$$80xy^2 + 120x^2y - 40xy7 = 40 (2xy^2 + 3x^2y - xy7) = \quad (11)$$

$$= 40x (2y^2 + 3xy - y7) = \quad (12)$$

$$= 40xy (2y + 3x - 7) \quad (13)$$

several formulas, aligned, without label (flalign*, accessible and tagged?):

$$\begin{aligned} 90xy^2 + 135x^2y - 45xy7 &= 45 (2xy^2 + 3x^2y - xy7) = \\ &= 45x (2y^2 + 3xy - y7) = \\ &= 45xy (2y + 3x - 7) \end{aligned}$$

several formulas, aligned, with label (gather, accessible and tagged?):

$$100xy^2 + 150x^2y - 50xy7 = 50 (2xy^2 + 3x^2y - xy7) = \quad (14)$$

$$= 50x (2y^2 + 3xy - y7) = \quad (15)$$

$$= 50xy (2y + 3x - 7) \quad (16)$$

several formulas, aligned, without label (gather*, accessible and tagged?):

$$\begin{aligned}
 110xy^2 + 165x^2y - 55xy7 &= 55(2xy^2 + 3x^2y - xy7) = \\
 &= 55x(2y^2 + 3xy - y7) = \\
 &= 55xy(2y + 3x - 7)
 \end{aligned}$$

several formulas, aligned, with label (multiline, accessible and tagged?):

$$\begin{aligned}
 120xy^2 + 180x^2y - 60xy7 &= \\
 &= 60(2xy^2 + 3x^2y - xy7) = \\
 &= 50x(2y^2 + 3xy - y7) = \\
 &= 50xy(2y + 3x - 7) \quad (17)
 \end{aligned}$$

several formulas, aligned, without label (multiline*, accessible and tagged?):

$$\begin{aligned}
 130xy^2 + 195x^2y - 65xy7 &= \\
 &= 65(2xy^2 + 3x^2y - xy7) = \\
 &= 55x(2y^2 + 3xy - y7) = \\
 &= 55xy(2y + 3x - 7)
 \end{aligned}$$

End of test