# 1819-108-C1-W2-01

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1.
$$= 0$$

2.
$$x^2$$

3.
$$(x - 2) * (x - 3) = 0$$

4.
$$x^2 - 5x + 6 = 0$$

5.
$$sin^2 x + cos^2 x = 1$$

6.
$$(a - b)^2 = a^2 - 2ab + b^2$$

7.
$$4 * 4 * \frac{1}{2} = 8$$

8.
$$\int x^2 dx = \frac{x^3}{3}$$

9.
$$\begin{cases} x^2 + y^3 = 5 \\ x - y = -1 \end{cases}$$

10.
$$\lim_{x \to 1+0} \frac{1}{x - 1}$$

11.
$$\lim_{x \to 1-0} \frac{1}{x - 1}$$

12.
$$y = \frac{x - 1}{x - 2}$$

13.
$$y_1'' = y_2''$$

14.
$$y = x$$