Part I: Short Answer

1. Solve
$$ax + b = c$$
 for x .

2. Solve
$$\frac{1}{ax+b} = c$$
 for x .

3. Express the following with a common denominator and simplify as much as possible: $\frac{4}{x+1} - \frac{5}{x-1}$.

4. Expand $(3x - 4)^2$.

5. Solve $(x+13)^2 = 16$ for x.

6. Solve -2 - 2a = -2 - 2(x + y) for x.

Part II: True or False

7.
$$\frac{\left(\frac{1}{a}\right)}{(b)} = \frac{1}{ab}$$
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