Math 120 - Problem Set - Chapter 0
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There are seven typos in the four mathematical expressions below. Edit the LaTeX code below and compile to match those expressions in the boxed figure. You are not expected to understand any of the notation at this point in the course. The purpose of these exercises is to simply practice working with LaTeX.

Figure 1: Desired mathematical expressions

1.

$$X = \{n \in \mathbb{Z} : n \leq 10\}$$

2.

$$3^4 \equiv 0 \pmod 3$$

3.

$$x^2 = 4 \implies x = \pm 2$$

4. If $g\colon A \to B$ is a bijective function, then g^{-1} is a function from B to A.

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